

# Service Bulletin

Circolare Tecnica - Technisches Rundschreiben - Circulaire Technique - Circular Tecnica

Date: 17<sup>th</sup> May 2017

Subject: **New ECU Software**

Product: **TURISMO VELOCE all models EURO 3 and EURO 4 USA\CANADA version until VIN ... V001982 included.**

NOTE: Motorcycles with higher VIN have been already updated in MV Agusta.

## **This Service Bulletin cancels and replaces the previous Service Bulletin No. 172**

With the following Technical Communication, we inform you that a new mapping update is now available for the TURISMO VELOCE EURO 4 USA\CANADA version.

The contents of the new map update introduce improvements on engine control.

We recommend to pay the maximum attention in choosing the correct map on the interested motorcycle model, model year and version.

If you have any doubt on the choice of the correct mapping, we advise you to contact your MV Agusta After Sales Area Manager.

The installation of a different map from the expected one will be at the exclusive responsibility of the Dealer.

MV AGUSTA MOTOR S.p.A. declines therefore all responsibilities for any consequence (Civil and/or Penal and/or Administrative) that the Dealer or third persons might support due to the modification of the motorbike ECU and/or a different utilization of the motorbike that is contrary to limits and prohibitions provided from the local Law and Regulation concerning homologated power of motorbikes that are destined to be used on public roads.

**We ask you to provide for the control and eventual remapping during the set-up and before consignment to the customer, during a service operation or at the first convenient opportunity at your workshop.**

### **TOOLS NECESSARY FOR THE UPDATE:**

TEXA Navigator IDC4 with software multi brand and cable 3151/AP34.

- **Re-mapping the ECU:**

- Update your TEXA Navigator IDC4 instrument by connecting it to the internet with the software IDC4, select "Software check" and begin the download of the version **27.0.0**.
- check that the battery voltage is higher than 12.5 V and keep the battery charger connected during the entire duration of reprogramming operations.
- Select "Bike – Diagnosis – Motorcycles - MV Agusta" and the desired motorcycle model,
- Press "ECU Update" followed by "Injection Reprogramming" and then the ECU ELDOR
- Select "self diagnosis".
- Connect to the motorcycle following the instructions of the program and then select "MAPPINGS".

The installation of the new mapping requires the presence in the unit of the BTMV5D-0600 boot before the reprogramming: check the presence of boot BTMV5D-0600; if the unit is not equipped with the boot described above proceed with the updating following this requirements:

• **if is present Boot500 version:**

- Update the boot software by selecting the "BTMV5D-0600"file; This boot can be loaded without password; follow the instructions of the program to complete the installation.

• **if is present Boot300 version:**

- Update the boot software by selecting the "BootPATCHrev8474"file that allows the passage from boot300 to boot600 with a single programming; This boot can be loaded without password; follow the instructions of the program to complete the installation.

**At the end of the Boot600 programming wait 10 seconds before switching off the key / Power.**

After the Boot reprogramming follow the previously described connection procedure for reconnecting the TEXA diagnosis system in order to proceed with installation of the map:

- Select "ECU Update" environment, then " Injection reprogramming " and finally the ELDOR ECU unit.
- Select "self diagnosis".
- Connect the motorcycle following the instructions of the program and select "MAPPINGS" area.
- Install new ECU map by highlighting the file to your market:
- USA \ CANADA market: " **0901MP06**" to be activated with the password "**NEMO#D1w4m217**"

Follow the instructions to complete the installation.

- After the ECU flashing, verify in "ECU INFO" area that the code of the Calibration Version / installed map is correct.
- Exit from current menu "ECU Update" and open menu "Self diagnosis".
- Select "Petrol injection" and the ECU model.
- Select "Setting" and then "Reset self-adapting parameters" follow the instructions to complete the operation.
- Start the engine and let idle until cooling fan turns on
- Test the motorcycle before consignment to the customer in order to verify the correct functioning.

Thank you in advance for your collaboration we'll remain available for any support.

Best Regards,  
MV AGUSTA MOTOR S.p.A.  
Technical Service Department