



Model: Aprilia RS & Tuono 660

Subject: New ABS ECU calibration (2) - Technical update

Campaign Code: PA2ZZQ2103_AP2_PGA

Dear Dealer / Service Centre,

As part of the continuous and strict quality sampling plans of the components installed on our vehicles, the continuous search for new and better technical solutions and the attention to customers, we hereby inform you of the need to carry out the intervention relating to the software update of the ABS system ECU calibration that improves the reliability of the data exchange between the brake system of the motorcycle and the Inertial Measurement Unit (IMU*), improving the filtering of the signal and thus avoiding the generation of false diagnoses, especially at an engine speed of 6000 rpm.

*Also valid for models and versions whose Inertial Measurement Unit is available as an accessory.

Please determine which vehicles in your stock or sold by you require this update, and:

- Update all vehicles in stock before sale.
- update vehicles that have already been sold at the first available opportunity.

As usual, the list of frame numbers involved in the campaign is viewable in the section Campaigns / Campaign Reports of the PWM warranty management software suite.

Please contact the Technical Help Desk of our Technical Support Service for any queries or assistance.



PROCEDURE FOR MANAGING CAMPAIGN:

- From the main menu, select the option “**campaigns**”, then select the option “**Enter campaigns**” from the sub-menu.
- Enter the frame number subject to the recall campaign in the window opened.
- Select “**search**” to open a window with the available coupon:
 - **ABS ECU calibration update 2:** service coupon that provides for the reimbursement of labor employed for the software update of the ABS ECU;
- Select the coupon, compile the “**Km**” field, and then save the procedure.

Please note that to complete the procedure and receive the refund, the coupon must be declared "completed" (by the PWM status management) within 6 months from the day of entry.

LABOR AND SPARE PARTS:

Coupon: ABS ECU calibration update 2

Minutes of labor envisaged for procedure: 20'



PROCEDURE FOR MANAGING CAMPAIGN:

To update the ABS ECU software, the P.A.D.S. diagnostics 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 update the diagnostic tool to the latest release available.

Summary table

Model	Control unit	Version	Old calibration	New calibration
Aprilia Tuono 660	ABS	All	9IBRAI00026	9IBRAJ00006
	ABS	All	9IBRAI00061	9IBRAJ00006
Aprilia RS660*	ABS	All	9IBRAI00026	9IBRAJ00006
	ABS	All	9IBRAH00073	9IBRAJ00006
	ABS	All	9IBRAI00061	9IBRAJ00006

- Some ABS ECUs may already have been updated in production to the latest release 9IBRAJ00006, in this case the P.A.D.S. will not propose any update
- 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 ignition switch to ON.
- Connecting the P.A.D.S. tool to the vehicle, select the new calibration from the menu: Aprilia/*RS * or *Tuono*/660/ABS Continental MAB MK100-P/Reprogramming, select the proposed calibration and confirm with **“START UPDATE”**.
- Do not turn the ignition switch to OFF or close the P.A.D.S. interface programme during the software update procedure.



- Once the update is completed successfully,
 - Perform a key off / key on.
 - Access the menu of the instrument panel, ABS ECU and engine ECU to clear any errors.

Please contact the Technical Help Desk of our Technical Support Service for any queries or assistance.

Best regards,

Piaggio & C. SpA
Business Unit Aftersales
Operations & Technical Service