



Model: Aprilia RS 660

Subject: Engine control unit map update

Dear Dealer / Service Centre,

Please note that a software update for the engine control unit map is now available once the PADS diagnostic tool is updated to the latest release available.

The aforementioned operation is considered part of the normal maintenance required for the vehicle, and must be performed during the pre-delivery procedure, for new vehicles, or, for vehicles that have already been sold and are in use, at the same time as other scheduled maintenance operations or at the first available opportunity when the vehicle is brought to the service centre.

The new update introduces the following main features and improvements:

- Resolved issue causing spurious diagnosis of error P1401 at key-on;

Summarised table

Model	Version	ECU Internal Code	New Map
Aprilia RS 660	EMEA	CM301803	P808AA12
Aprilia RS 660	USA	CM301806	P808AB12

Once the update has been completed successfully,

- Turn the ignition off and then on again
- Perform the crankshaft tone wheel acquisition procedure (see procedure on page 2)
- Perform the vehicle configuration procedure (see figure 1)
- Access the vehicle ECU menu and cancel any errors.



CRANKSHAFT TONE WHEEL ACQUISITION PROCEDURE

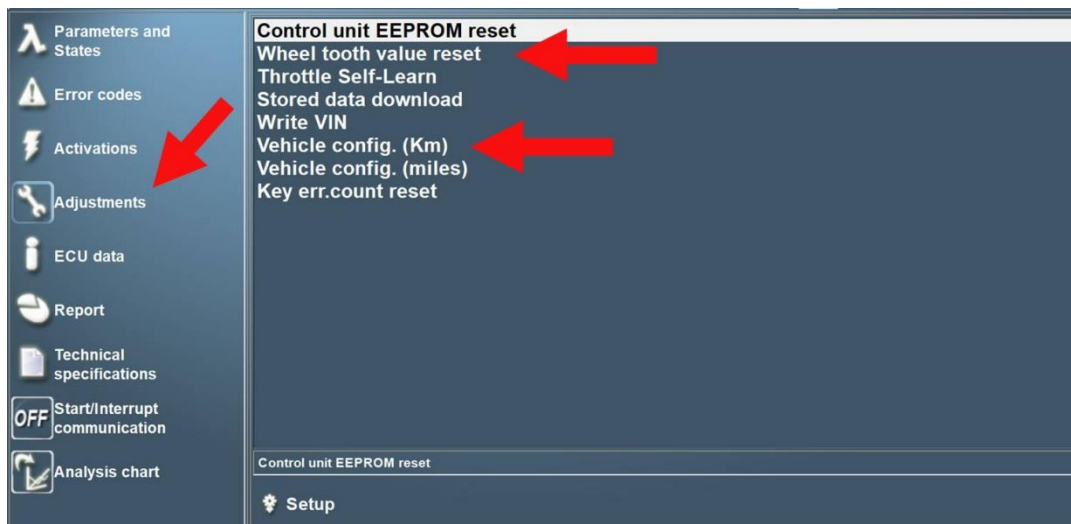
- Perform the cycle “Reset wheel tooth values” with the PADS diagnostic tool (see figure 1)
- Warm the engine to 80°C
- With the gearbox in neutral, the side stand extended and the vehicle completely stationary, throttle up to over 8000 rpm at least three times
- Switch the ignition off and wait at least one minute (Power Latch)

IMPORTANT:

The vehicle speed **MUST** be 0 km/h throughout the crankshaft tone wheel acquisition procedure.

In certain cases, even minor vibration produced by the engine (with gearbox in neutral, side stand extended and no speed reading on instrument panel) may cause the procedure to fail. In this case, the procedure must be repeated.

Figure 1





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