

## RSV4 R-FW W-SBK

Bike RSV4 RR RACE PACK without registration documents, modified as follows:

**Electronic system** – Race lightweight version, simplified and without ABS system. Brake system equipped with simplified tubes kit.

Dedicated bike and engine harness. APX logic unit developed by Aprilia Racing, fully reprogrammed as for example in the ignition and engine control parameter. Electronic assistance for up and down shifting (Blipper). The APX system includes hand terminal (*to set the strategy and bike parameters*), racing dashboard that allows to see the main engine parameters, light lithium battery.

**Data recording** – Data acquisition system that allows to log the original sensors fitted into the bike, like Demand, RPM, water temperature, front and rear speed, roll and pitch angles. The bike is equipped with GPS sensor and race buttons.

It is possible also to acquire the optional sensors allowed in the international FIM rules. With the bike will be delivered a licenses for one year of the software "ABM base" (*to manage and analyze data*) and for the software "ARES" (*to manage and set the APX*).

### Main specs of the APX logic unit:

1. Allows to modify or create new maps for ignition and injection.
2. Easy setting of bike parameters and strategy tuning by hand terminal or software.
3. Sensors diagnostics.
4. Includes setting and strategy to increase the performances of the bike, together with the riders requirements and the characteristics of the circuit. E.g.:
  - *Setting of RPM limiter for each speed.*
  - *Setting of Pit lane speed limiter.*
  - *ETC (electronic demand control)*
  - *VTP (setting of trumpet position).*
  - *TCS (traction control).*
  - *ADAPTATIVE TCS (adaptive traction control on track changing conditions)*
  - *DISTANCE BASED (strategy parameters based on different sectors/curves)*
  - *ENGINE BRAKING (engine braking setting of each speed).*
  - *POWER REDUCTION (power reduction setting of each speed).*
  - *WHEELIE CTRL*
  - *LAUNCH CTRL*
  - *ANTIJERK CTRL.*
  - *Quick gearshift*
  - *Lap time (using optional beacon kits).*

**Engine** – Prepared by the technicians of Aprilia Racing with SBK specifications.

Maximum power: More than 220 HP @ 14.500 rpm

**Exhaust** – Akrapovic Racing Tit.

**Front suspension** - Ohlins Racing FGR300. Triple clamps with adjustable offset.

**Rear suspension** - Aluminum Under-arm swing arm with  $\pm 25$ mm adjustment range. Ohlins shock absorber TTX GP

**Front brake** - 328mm dual stainless steel disc "T" drive. Brembo Gp4 RR monoblock radial calipers with 4 opposing pistons. Sintered pads.

**Rear brake** - Single disc DP218

**Chassis and accessories** - SBK with steering axle and swingarm pivot adjustment

**Front wheel** - 3.5x17" aluminum ultra-light forged rim

**Rear wheel** - 6.0x17" aluminum ultra-light forged rim

**Fairings and seat holder** - Structural carbon fibre

**Fuel tank** - Aluminum light weight with high capacity (22.5l)

**Colour scheme** - Colour scheme can be personalized according to the clients request

**Price: 79.500 euro tax excluded (EXW Noale)**

*To be confirmed with official Aprilia Racing order*

### **IMPORTANT**

**Regulation compliance:** This motorbike complies with the SBK class FIM regulations, corresponding to the Aprilia RSV4 2015 homologation form.

Before using this model in national championship, you have to check the conformity with the local race rules.

**Warranty:** No components of these models are covered by warranty.

**Public roads usage ban:** These motorbikes and their components have been designed just for racing championships, therefore registration documents will not be provided. It is strictly forbidden to use this motorbike on public road.

**This information and technical data are subjected to change without notice.**

### **SALE CONDITIONS**

**Delivery:** To define. At least 60 working days after order confirmation.

**Terms:** EXW Aprilia Racing (Noale, Venice - Italy).

**Payment:** Bank transfer. 20% at the time of the order, the balance before the collection of the bike.

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