

## RSV4 R-FW Stock2 APX Race

Bike RSV4 RR RACE PACK without registration documents, ABS and fairings, 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. 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.

It is possible also to acquire the optional sensors allowed in the international FIM Superstock 1000 rules. With the bike will be delivered a license 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** – Stock fully hand-built by the technicians of Aprilia Racing, with check and adjustment of clearances and compression ratio. The water thermostat is removed and the secondary air system closed. Kit of simplified water tubes.

Running in and test bench validation.

Maximum power: more than 205 HP @ 14.000 rpm

**Forks** – Ohlins Racing adjustable.

**Shock absorber** – Ohlins Racing adjustable.

**Steering dumper** – Ohlins adjustable.

**Rims** – Forged aluminum alloy, completely machined, 5 split spokes

**Brake system** – standard without ABS.

**Exhaust system** – standard without silencer.

**Price: 25.900 euro tax excluded (EXW Noale)**

*To be confirmed with official Aprilia Racing order*

## OPTIONAL

- Kit to complete bike:
  - o Kit fairings, rear cowling and seat: **1.200 euro**
  - o Akrapovic exhaust kit: **2.250 euro**
- Setting of suspensions in race version: **1.100 euro**

*All prices are EXW tax excluded and could be subjected to modification*

## **NOTE:**

*The bike doesn't include the following components:*

- *Front fairings , rear cowling and seat.*
- *Front and rear light, indicators, mirrors, license plate, silencer and lock keys kit*
- *Any additional components usually delivered with the standard bike.*

## IMPORTANT

**Regulation compliance:** This motorbike complies with the SST/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 30 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.

### Contacts:

#### **Omar Ferro**

Tel: +39 041 5829739 - Fax: +39 041 5829730

e-mail: [omar\\_ferro@aprilia.it](mailto:omar_ferro@aprilia.it)

#### **Mara Michielan**

Tel: +39 041 5829734 - Fax: +39 041 5829730

e-mail: [mara\\_michielan@aprilia.it](mailto:mara_michielan@aprilia.it)

**Info e assistenza tecnica:** [racing\\_support@aprilia.it](mailto:racing_support@aprilia.it)

**Web site:** <http://www.serviceaprilia.com/public/racing/>