



RSV4 1100 FW Stock2 APX Race 2024

Bike RSV4 1100 Factory MY'24 built by Aprilia Racing without registration documents, modified as follow:

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 programmable as for example in the ignition and engine control parameter. Blipper system for the electronic assistance in up and down shifting. Digital TFT and color Dashboard that allows to see the main engine parameters.

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. Other parameters can be acquired with the optional sensors available on the spare parts catalogue. Lap times function through the GPS sensor included. With the bike will be delivered a licenses for one year of the software "ABM" (*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)*
 - *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*
 - *Blipper*
 - *Lap time*

Engine – in race configuration, Maximum power 221 HP

- Check of the components, secondary air system closed
- In addition to the normal dyno test, the engine undergoes a partial run-in and power curve for validation.

Aprilia Racing - a Piaggio Group Company

APRILIA RACING S.r.l.
Società con socio unico
Direzione e Coordinamento
Immsi S.p.A.

Capitale Sociale
Euro 250.000,00 i.v.
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Sede operativa
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Bike specs -

Rims	Forged aluminum alloy, completely machined, 5 split spokes
Drive ratio	16/41, Regina race chain 520
Brake system	Simplified without ABS and braided racing hoses
Front Brake	Brembo discs DP 330
Front brake caliper	Brembo Radial monoblocs
Exhaust system	SC Project, full titanium with carbon muffler
Forks	Ohlins NIX, mechanical adjustable with specific Aprilia Race set up
Shock absorber	Ohlins TTX, mechanical adjustable with specific Aprilia Race set up
Steering damper	Ohlins mechanical adjustable
Triple clamp	Racing fully machined
Push-button pannel	Racing
Footrest kit	Racing adjustable
Fuel tank cap	Racing fully machined with quick-opening
Cooling system	Simplified water tubes without thermostat and race liquids catch tank
Air filter	Racing type with high permeability, MotoGP technology (<i>only with optional c.</i>)
Front support	Lightweight anodised aluminium

Price: 33.900 euro tax excluded (EXW Noale) - **Note: fairing kit not included**

OPTIONAL KITS

- Complete race fairings kit by fiber glass: 1.450 euro** tax excluded
- Painting of fairing kit with FW 2024 colors: **coming soon**
- Engine prepared by Aprilia Racing (power +2%): **3.660 euro** tax excluded
Partially hand-built by the technicians of Aprilia Racing with check and adjustment of clearances and compression ratio. Running in and test bench validation.

NOTE:

The bike doesn't include the following components:

- Standard OEM 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 road bike.

IMPORTANT

Regulation compliance: Before using this model in national championship, you must check conformity with the local race rules.

Warranty: No part of bike is covered by warranty.

Public roads usage ban: This motorbike and his components has been designed only for race use in closed circuits, therefore it devoid of registration documents. It is strictly forbidden to use this motorbike on public roads.

All information and technical data here mentioned could be subject to change without notice.

SALE CONDITIONS

Validity of the offer: Until June 30th 2024

Delivery: To be defined, but no earlier than 40 working days after order confirmation.

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

Payment: Bank transfer. 20% at time of order, balance before delivery.

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