

PORSCHE



GT3R rennsport

Dreams have defined us, but sport has made us.
Because sport is a mindset that pushes us forward.
It takes our dreams and makes real change out of it.
Get ready for a Porsche 911 that embodies this mindset
like no other: unrivalled by any Porsche 911 that has come
before yet drawing its essence from the very elements that
have always set it apart. It is a celebration of the pure joy
of racing and a bow to our community.

The 911 GT3 R rennsport.*

The vehicle is designed and manufactured according to
FIA safety standards. Based on the 911 GT3 R (992), this
single-seater with a naturally aspirated engine is meant for
one thing: to be driven.* Beyond any technical regulations
or racing series.

* The vehicle is not street legal, it is not homologated and does not comply with any current race series regulations.





The result: a sensationally low target power-to-weight ratio of 1,240 kg to 456 kW (620 hp) – that's a remarkable 2 kg per horsepower. This not only enhances the legendary stature of the 911, but also allows it to be raced in the truest spirit of what a pure 911 should feel like on the track.

The only restriction is the number of vehicles manufactured: The 911 GT3 R rennsport will be limited to just 77 units. The vehicles will be available in seven colours and three exclusive paint designs, or in the most flawless colour Rennsport has to offer: pure carbon.

At 9,400 RPM and constructed without any noise limitation, the 911 GT3 R rennsport will live up to the myth of the 911 not only in terms of appearance, but also in terms of performance. Because sport is in its DNA.



For us, sport is a gift; it's the essence of our drive,
and whenever we make something — whatever that
may be — it will be made of sport.

GT3R rennsport

Sportmade.





Technical Data

Concept

- Single-seater customer race car
- Non-homologated racing vehicle
- Base: 911 GT3 R (992)
- Limited edition – 77 units

Engine

- Water-cooled six-cylinder boxer engine (rear mounted) based on 992 engine generation
- Baseline GT3 R engine without restrictors
- Rennsport specific engine mapping (620 PS using E25 fuel)
- Rennsport specific pistons and camshafts
- Higher compression than on baseline GT3 R engine
- Single mass flywheel
- Four-valve technology
- Direct fuel injection
- Dry sump lubrication with oil/water heat exchanger
- Engine control unit (ECU) BOSCH MS 6.6
- Unsilenced race exhaust system with double tailpipe mounted centrally (silenced driving and use of catalytic converters possible)*
- Carbon fiber intake manifold and 6 throttle butterflies

*Note: Noise limits will not be fulfilled with the unsilenced race exhaust system.
Presilencer and end silencer can be purchased to comply with local noise regulations.

Transmission

- Six-speed constant-mesh gearbox
- Rennsport exclusive performance upshift function
- Internal pressurized oil lubrication with heat exchanger
- Mechanical limited slip differential with adjustable preload mechanism
- Motorsport carbon clutch
- Electrohydraulic clutch actuator
- Paddle shift with electronic shift barrel actuator
- Integration of alternator mounted in front of gearbox for weight distribution shift

Bodywork

- Lightweight body-in-white; intelligent aluminum-steel design
- Integrated (welded) roll-cage
- Removable rescue hatch in roof
- Exclusive aerodynamics on front and rear
- Special rennsport design of lightweight carbon fiber bodywork
- Modified 911 cockpit including Race-TeX dashboard
- Fixed racing bucket seat with 6-point mounting
- Adjustable pedal box including CFRP feet protection
- Six-point safety harness
- Safety nets (centre and driver's side)
- FT3.5 safety fuel cell (approx. 117 liter)
- Air jack system (four jacks)

Technical Data

Suspension

- Front axle:**
- Double wishbone front suspension
 - High-performance spherical bearings
 - Wheel hubs with center lock wheel nuts
 - Motorsport dampers; 5-way adjustable including blow-off
 - Adjustable anti-roll bar blades (left & right)
 - Electrical power assisted steering
 - Shim adjustment system
 - Rennsport specific baseline setup

- Rear axle:**
- Improved multilink independent rear suspension
 - High-performance spherical bearings
 - Wheel hubs with center lock wheel nuts
 - Motorsport dampers; 5-way adjustable including blow-off
 - Adjustable anti-roll bar blades (left & right)
 - Shim adjustment system
 - Rennsport specific baseline setup

Brakes

- Two separate brake-circuits for front and rear axles
- Six-piston (front) / four-piston (rear axle) aluminum-monobloc racing brake calipers
- Ventilated and grooved steel brake disc
- Rennsport specific motorsport brake pads with titanium backplate
- Rennsport specific brake cooling ducts
- BOSCH Race ABS Generation 5

Weight/Dimensions

- Total weight target: approx. 1,240 kg*
- Overall length: 4.790 mm
- Overall width front axle: 2.036 mm
- Overall width rear axle: 2.005 mm
- Wheelbase: 2.507 mm

*Note: mentioned weight and power/weight ratio are referring to the unpainted base version of the racing vehicle.





Technical Data

Electronics

- 992 EE motorsport architecture
- New “Porsche Toolset” generation improving handling
- Porsche display (10.3 inch)
- Porsche logger
- Porsche powerbox
- RLU integrated in display (data on USB stick)
- Fire extinguisher system (agent: gas)
- LiFePo battery 12 V, 40 Ah
- 210 A alternator
- Windscreen wiper with direct drive
- LED main headlights and integrated AUX lights
- LED taillights new “rennsport” specific design
- LED rain light
- Ambient interior light and day-light running LEDs (specific adjustable color-set)
- Rennsport exclusive digital mirrors incl. side mirrors via screens

Options/Individualization

- Seat belt – available in rennsport specific colours (standard: black; options: red, blue, yellow)

Wheels/Tires

Front axle:

- One piece BBS aluminum wheels in specific rennsport design, 12,5 J x 18
- Rennsport specific Michelin tyres; tire dimensions: 30/68-18
- Tyre pressure monitoring system

Rear axle:

- One piece BBS aluminum wheels in specific “rennsport” design, 13,0 J x 18
- Rennsport specific Michelin tyres; tire dimensions: 31/71-18
- Tyre pressure monitoring system

Highlights

Safety & Design

- All safety features complying with latest FIA requirements
- Side impact protection according to FIA requirements
- Leg protection foam
- Fixed seat
- Adjustable pedal box
- Roof hatch
- Removable side window
- Improved roll cage layout

Performance

- Power/weight ratio ~2 kg/PS*
- Specific rennsport aerodynamics on front and rear
- Increased engine power
- Rennsport exclusive straight pipe exhaust system for unlimited emotional sound

*Note: mentioned weight and power/weight ratio are referring to the unpainted base version of the racing vehicle.

Colour

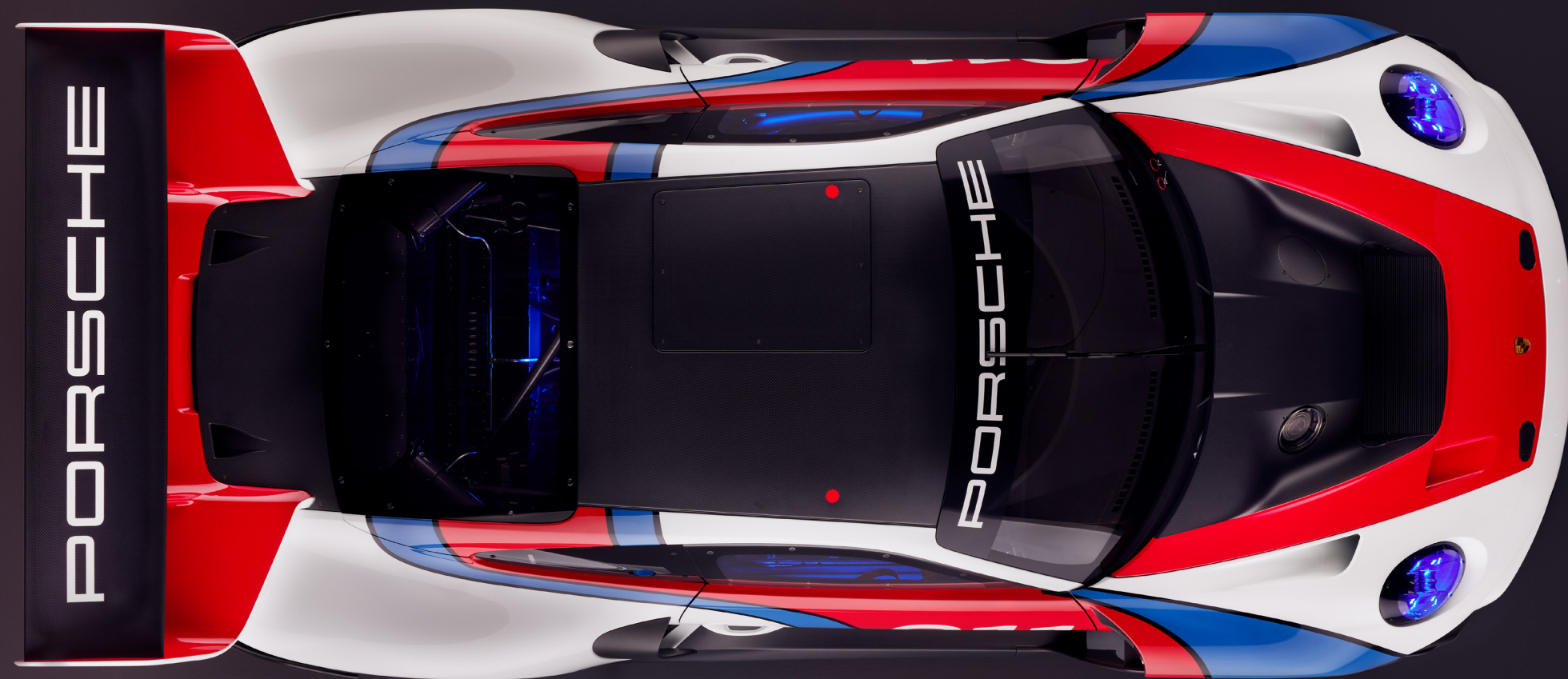
Baseline Colour

- Body-in-white: Agategreymetallic – M7S
- Exterior: Exclusive rennsport naked carbon

Exclusive exterior rennsport options on agate grey body-in-white

- **Option 1:** selection of seven exterior painted colours: Grigiogranitometallic – W49, Vipergreen – 225, Rubystar – 4SR, Signalorange – 2SW, Sanmarinobluemetallic – W87, Guardsred – Y39, Purewhite – Z99
- **Option 2:** selection of exclusive painted designs "Rennsport Reunion Design", "Flacht Design", "Speed Icon Design"





Sales Contact

- GT3R_rennsport@porsche.de

Technical Support

- GT3R-rennsport-tech@porsche.de

Register here for more information about how to become the owner of one of these 77 exclusive race cars:
motorsport-community.porsche.com/GT3Rrennsport





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