



PORSCHE



The new 911 GT3 R

Challenger.

Unstoppable.

Only those who accept the challenge will unleash his strength.
Only those who unleash his strength will conquer the race track.
One thing is certain, you can go to the limits with him –
to the limits of physics, the curve, and your own abilities.
But there is one thing you can't do: stop him.
The new 911 GT3 R.

Concept

Single-seat customer race car, basis: 911 GT3 RS (991.2)

Engine

- Water-cooled six-cylinder horizontally opposed boxer engine (rear mounted)
- Displacement 4,000cm³; stroke 81.5mm; bore 102mm

Power

- 550hp, subject to FIA BoP classification (air restrictor)
- Single mass flywheel
- 4-valve technology
- Direct fuel injection
- Fuel quality: Super Plus lead free to E20 (minimum 98 octane)
- Dry sump lubrication with oil/water heat exchanger
- Engine control unit (ECU) BOSCH MS 6.4 with integrated data acquisition
- Race exhaust system with twin tailpipes mounted centrally
- Intake manifold made from CFRP carbon fibre with 6 throttle butterflies



Transmission

- Porsche six-speed constant-mesh gearbox (sequential)
- Internal pressurised oil lubrication with active oil cooling by oil/water heat exchanger
- Mechanical limited slip differential with adjustable preload mechanism
- Motorsport clutch
- Electrohydraulic clutch actuator
- Paddle shift with electronic shift barrel actuator

Bodyshell

- Lightweight body featuring intelligent aluminium-steel composite design
- Integrated (welded) roll-cage according to FIA regulations
- Removable escape hatch in roof in accordance with latest FIA regulations

Lightweight design, quick-change exterior panels

- Polycarbonate screens
- Removable polycarbonate door windows in accordance with latest FIA regulations

Modified 911 cockpit:

- Ergonomic centre console aligned towards driver for ease of operation
- Multifunctional CFRP motorsport steering wheel with quick-release coupling
- Digital multifunctional membrane touch panel

- Racing bucket seat with 6-point mounting in accordance with FIA standard
- Adjustable pedal box including CFRP feet protection
- 6-point safety harness
- Safety nets (centre and driver's side) in accordance with FIA regulations
- CFRP Side Impact Panel in accordance with FIA regulations
- FT3 safety fuel cell (approx. 120 litre) with fuel cut off safety valve in accordance with FIA regulations
- Air jack system (4 jacks)

Suspension

Front axle:

- Double wishbone front suspension
- High-performance spherical bearings
- Wheel hubs with centre lock wheel nuts
- Motorsport dampers; 4-way adjustable
- Adjustable anti-roll bar blades (left & right)
- Power-assisted steering with electrohydraulic pressure feed
- Set-up changes using shims alleviates need to measure suspension

Rear axle:

- Multilink independent rear suspension
- High-performance spherical bearings
- Wheel hubs with centre lock wheel nuts
- Motorsport dampers; 4-way adjustable
- Adjustable anti-roll bar blades (left & right)
- Set-up changes using shims alleviates need to measure suspension

Brake system

- Two separate brake circuits for front and rear axles.
Driver-adjustable via brake balance bar system.

Front axle:

- 6-piston aluminium-monobloc racing brake caliper
- Ventilated and grooved steel brake disc
- Motorsport brake pads
- Optimised brake cooling ducts

Rear axle:

- 4-piston aluminium-monobloc racing brake caliper
- Ventilated and grooved steel brake disc
- Motorsport brake pads
- Optimised brake cooling ducts

Wheels/tires

Front axle:

- One-piece BBS alloy wheels according to Porsche specification and design, 12.5 J × 18
- Michelin transport tires; tire dimensions: 300/680-18

Rear axle:

- One-piece BBS alloy wheels according to Porsche specification and design, 13.0 J × 18
- Michelin transport tyres; tyre dimensions: 310/710-18

Electric

- COSWORTH colour display CDU
- COSWORTH logger CLU (6 GB memory space)
- COSWORTH power module IPS MK2
- Optional BOSCH CAS Integration (Race Ready)
- Porsche Motorsport Traction Control PMTC
- Fire extinguisher system (agent: gas) with additional retaining bracket in accordance with FIA regulations
- LiFePo Battery 12 V, 60 Ah
- Regulated BOSCH LIN 175A alternator
- Windscreen wiper with direct drive

Lighting system:

- LED main headlights
- LED technology taillights and rain lights

Options (Installation ex works)

IMSA package:

- Struts windscreen / rear screen

Sensor package¹⁾

FIA endurance package:

- Clutch fan
- Telemetry GSM low-band (R+)

Further options:

- Motorsport catalyst
- Heated polycarbonate windscreen

After-sales options

BOSCH MS 6.4 Option 1 :

- Channel expansion for detailed engine data acquisition, highest resolution data sample rate 1000Hz

BOSCH MS 6.4 Option 2:

- Data copy from internal memory of the engine data acquisition onto an external USB stick

Further options:

- Country-specific pre-silencer
- Tyre Pressure Monitoring (TPMS)
- Cockpit illumination
- Starting number illumination
- 2× LED extra headlights in front fairing

¹⁾ Content not yet final defined

Weight/dimensions

- Total weight: approx. TBDkg (subject to BoP)
- Overall length: 4,629mm (without rear wing)
- Overall width front axle: 1,975mm
- Overall width rear axle: 2,002mm
- Wheelbase: 2,459mm

Colour

- Body painted with water-soluble paint (C9A)
- Interior: white primer
- Body parts in naked carbon (front & rear fairings, front cover, rear cover, doors, wheel arches, rear wing)

Car price

- 459,000.00 EUR (plus VAT, ex works)

Deposit

- 150,000.00 EUR

Delivery

- From November 2018 onwards

Orders:

With immediate effect

Dr. Ing. h.c. F. Porsche AG
Mr Uwe Brettel / Mr Marc Lieb
Porschestraße 911
71287 Weissach
Tel. +49 711 911-88411

Technical support:

Dr. Ing. h.c. F. Porsche AG
Mr Rainer Sauter
Porschestraße 911
71287 Weissach
Tel. +49 711 911-83284
Fax: +49 711 911-89535

Compliance with regulations:

The basic car is homologated in accordance with the FIA GT3 regulations 2018. Every customer is solely responsible for their car complying with the relevant regulations. This document replaces all previously published versions

Subject to change (without notice).
May 2018

All information subject to FIA approval

