

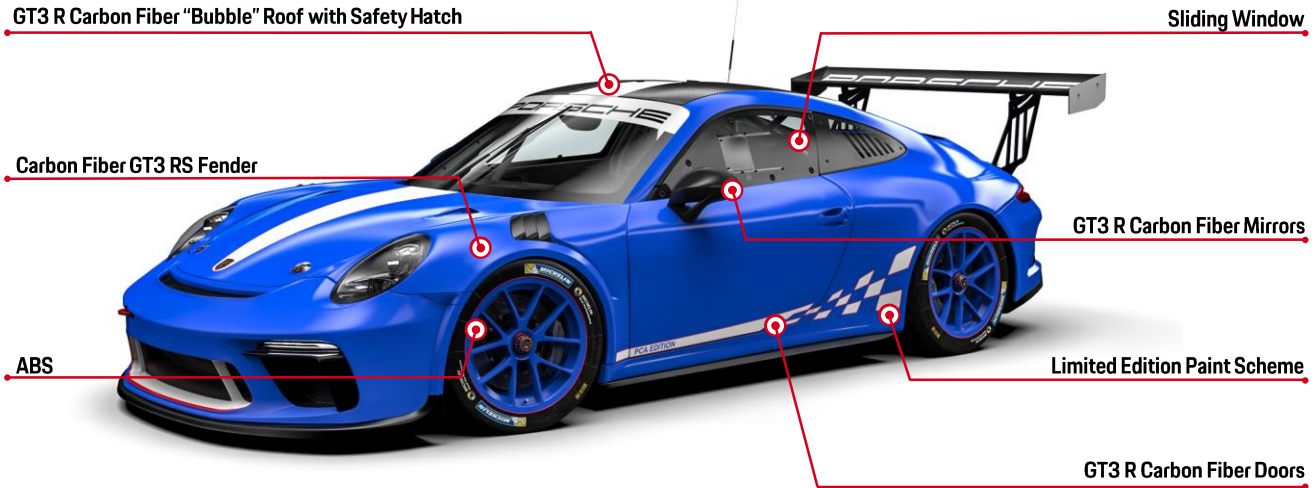


PORSCHE



911 GT3 Cup PCA Edition

Highlights of the 911 GT3 Cup (991.2) PCA Edition



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Technical Data 911 GT3 Cup (991.2) PCA Edition

Concept

- Single-seater production-based race car
- Base model: 911 GT3

Engine

- Rear-mounted aluminum six-cylinder horizontally opposed engine
- Sealed
- 3,996 cm³; stroke 81.5 mm; bore 102 mm
- Max. power: 357 kW (485 hp) at 7,500 rpm
- Max. rpm: 8,500
- Maximum torque: 480 Nm at 6,250 rpm
- Single-mass flywheel
- Water-cooled with thermal management for engine and transmission
- Four valves per cylinder
- Variable cam phasing (intake and exhaust)
- Direct fuel injection; fuel grade: Super unleaded, minimum 98 RON
- Dry-sump lubrication
- Electronic engine management (Bosch MS 4.6 NG)
- Race exhaust system with regulated race catalytic converter
- Supercup exhaust with twin tailpipes

Transmission

- Porsche six-speed sequential dog-type transmission
- Sealed
- Gear ratios:
 - Ring and pinion gear 14/22 i = 1.571
 - Final drive 17/41 i = 2.412
 - 1st gear 13/41 i = 3.154
 - 2nd gear 17/40 i = 2.353
 - 3rd gear 19/36 i = 1.895
 - 4th gear 19/29 i = 1.526
 - 5th gear 24/30 i = 1.250
 - 6th gear 34/35 i = 1.029
- Internal pressure-oil lubrication with active oil cooling by oil-water heat exchanger
- Mechanical differential lock
- Triple-disc sintered metal racing clutch
- Pneumatic gearshift activation (paddle shift)

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Bodyshell

- Intelligent lightweight construction in aluminum and steel composite
- Weld-in roll cage, certified compliance with FIA regulations for safety cages
- Front hood with two air intakes for cockpit ventilation, quick-release catches
- Removable roof section in compliance with the FIA safety regulations
- Fastening point preparation for central safety net attachment
- Pickup point for lifting device
- 911 GT3 RS fenders
- Enlarged rear wheel arches from base model
- Larger 911 GT3 front splitter from base model
- Modified 911 GT3 rear bumper with integral rain light in compliance with FIA regulations from base model
- Lightweight exterior:
 - Carbon-fiber doors and SportDesign mirrors
 - Carbon-fiber adjustable rear wing
 - Carbon-fiber "bubble" roof with safety hatch
 - Polycarbonate rear side windows with air outlets
 - Polycarbonate rear screen
- Underbody paneling with NACA ducts for rear brake and driveshaft cooling
- Modified 911 cockpit from base model:
 - Weight-optimized magnesium sub frame
 - Ergonomic driver-oriented center console
 - Control switch trim with fluorescent lettering
 - Steering wheel with quick-release coupling, control panel and shift paddles
 - Adjustable steering column with steering angle sensor
- Racing bucket seat with fore/aft adjustment:
 - Homologated to FIA requirements
 - Padding system for adapting to individual driver (delivered with size M)
- Shock-absorbing roll cage safety cover for leg protection in driver's footwell
- Six-point racing safety harness
- 100-liter fuel cell (FT3 safety fuel cell) and 'fuel cut-off' safety valve in accordance with FIA regulations
- Built-in air jack system (three jacks) with configurable left and right valve mount point

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Brake System

- Two independent brake circuits with brake pressure sensors for front and rear axle, adjustable by the driver via brake balance system
- 12-way adjustable BOSCH M4 ABS system
- Multi-piece steel brake discs, internally vented and slotted, diameter: 380 mm
- Racing brake pads
- Optimized ventilation routing

Front axle:

- Six-piston aluminum monobloc racing brake calipers with 'anti-knock back' piston springs

Rear axle:

- Four-piston aluminum monobloc racing brake calipers with 'anti-knock back' piston springs

Wheels/Tires

Front axle:

- Single-piece center-lock alloy wheels conforming to Porsche specification and design, 10.5 J x 18 ET 28
- Treaded Michelin transportation tires
- Tire size: 27/65-18

Rear axle:

- Single-piece center-lock alloy wheels conforming to Porsche specification and design, 12 J x 18 ET 53
- Treaded Michelin transportation tires
- Tire size: 31/71-18

Weight/Dimensions

- Total weight: ca. 1,200 kg (2,645.55 lbs.)
- Total length: 4,564 mm (179.01 inch)
- Total width: 1,980 mm (77.95 inch)
- Total height: 1,246 mm (49.06 inch)
- Wheelbase: 2,456 mm (96.69 inch)

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Electrical System

- COSWORTH color display ICD with integrated fault diagnostics
- COSWORTH electrical system control unit IPS32
- Electronic throttle
- Fire extinguishing system (extinguishing agent: gas)
- Battery 12 V, 70 Ah (AGM), leak-proof, in co-driver's footwell
- 175-A alternator
- Weight-optimized fan
- Windscreen wiper with direct drive (intermittent and continuous operation)
- Lighting system:
 - Bi-Xenon main headlights
 - LED daytime running lights
 - LED taillights and rain lights in compliance with FIA homologation regulations
- Two additional switches in the center console for additional power consumers
- CAN connection (data logger, video system)

Chassis

- Forged control arms:
 - Optimized stiffness
 - Double-shear track rod connection
 - Heavy-duty spherical bearings
- Wheel hubs with central locking device
- Racing shock absorbers, non-adjustable
- Double-blade-type adjustable anti-roll bars
- Tire pressure monitoring system

Front axle:

- McPherson suspension strut, adjustable for height, camber and toe
- Forged and adjustable top mounts
- Electrohydraulic power steering with external control function for easy car maneuvering

Rear axle:

- Multi-link rear suspension, adjustable for height, camber and toe
- Forged top mounts

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Colors

- Water-based paint
- Exterior: Club Blau LW60 with limited edition livery
- Interior: filler coat in white, no clear-coat finish

Dates

- Vehicle available as of December 2018

Conformity with regulations

- Customers bear sole responsibility for complying with regulations applicable to themselves and their vehicle.
- This document replaces all previously published versions.
- Vehicle cannot be registered for public road use.
- Subject to change without notice.

Limited availability.

Contact

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• Sales Price ¹⁾	\$ 295,000
• Shipping and Import	\$ 25,000
• Spare Parts Package ¹⁾²⁾	\$ 13,500

Service Costs³⁾

• Engine Service Every 100 Hour	\$ 25,000.00
• Run Cost per Hour	\$ 250.00
• Gearbox Service Every 30 and 90 Hour	\$ 8,900.00
• Run Cost per Hour	\$ 515.00
• Gearbox Service Every 60 and 120 Hour	\$ 22,000.00
• Run Cost per Hour	\$ 515.00

1) Sales tax not included

2) The price includes ground shipping within continental US

3) Prices are only applicable to engines/gearboxes that are brought in to PMNA within +5 hours of the suggested service interval

Prices in USD

Prices are subject to change

Components of Spare Parts Package

- Radiators
- Brake Rotors
- Brake Pads
- Front Splitters (2)
- Wheels
- Center Locks
- Front Bumper Cover Painted
- Camber Shims
- Wheel Grease (2)
- Wing Gurney
- Oil Filter
- Air Filter
- Gearbox Filter
- Alternator Belt



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Solely for the use of the North American Market.

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