

[REBELS RACE HARDER]



Porsche Cayman GT4 Clubsport (Typ 981)

Model Year 2016 – Vehicle Description

Concept:

- Single-seat, production-based rac
- Based on: Porsche Cayman GT4 (9

Engine:

- Aluminum six-cylinder rear-mounted boxer engine, rigid mounting
- 3,800 cc; stroke 76.4 mm; bore 102.7 mm
- Max. power: 283 kW (385 hp) at 7,400 rpm
- Max. rpm: 7,800 rpm
- Max. torque: 420 Nm at 4,750 – 6,000 rpm
- Compression ratio: 12.5 : 1
- Water cooling with thermal management for engine and gearbox
- Four valves per cylinder, adjustable camshaft phasing and variable valve timing VarioCam Plus
- Sequential multi-point fuel injection
- Fuel quality: minimum 98 octane, unleaded
- Dry-sump lubrication
- Electronic engine management (Continental SDI 9)
- 100-cell metal catalytic converter complying with DMSB specifications
- Rear silencer with central tailpipes
- Variable intake system with adjustable resonance butterflies
- Twin pipe sport exhaust system featuring two central tailpipes

Transmission:

- Rear wheel drive
- Rigidly mounted six-speed PDK-gearbox (DCT, dual clutch transmission)
- Limited slip differential optimized for racing
- Dual mass flywheel



Bodywork:

- Lightweight bodywork with intelligent aluminum-steel composite construction
- Fully integrated roll-cage complying with FIA Homologation Regulations for safety cages
- Front bonnet with quick release fasteners
- Rear deck with quick release fasteners
- Fixed carbon rear wing with side plates, black aluminum wing support with integrated Gurney flap
- Modified Cayman GT4 cockpit:
 - Porsche motorsport steering wheel, Alcantara covered, integrated shift paddles
 - Motorsport center console with typical Porsche switch layout
 - Crash protected, lightweight battery and optimized ECU position
- OMP race bucket seat with longitudinal adjustment (in accordance with FIA requirements)
- Six-point safety harness
- FIA certified towing loops at front and rear
- Portable fire extinguisher

- Pre-installed mounting points for on-board three-piston air jack
- Preparation for central fire extinguisher system
- Optional: 70 liter FT3 safety fuel cell with 'Fuel Cut Off' safety valve according to FIA regulations
- Optional: 100 liter FT3 safety fuel cell with 'Fuel Cut Off' safety valve according to FIA regulations
- Optional: Recaro race bucket seat with longitudinal adjustment and individual padding system. (in accordance with FIA standard 8862/2009 - latest FIA requirements)



Suspension:

Front axle:

- McPherson suspension strut
- Forged suspension links:
 - Optimized stiffness
 - Double shear mounting
 - High-performance spherical bearings
- 5 bolt wheel hubs
- Motorsport shock absorbers, adjustable ride height (rebound/compression characteristics fixed)
- Reinforced track rods
- Electrohydraulic power steering with variable steering ratio and steering impulse
- Modified anti-roll bar

Rear axle:

- McPherson suspension strut
- Forged suspension links:
 - Optimized stiffness
 - Double shear mounting
 - High-performance spherical bearings
- 5 bolt wheel hubs
- Motorsport shock absorbers, adjustable ride height (rebound/compression characteristics fixed)



Brake system:

Front axle:

- Aluminum, mono-bloc six-piston racing calipers with 'Anti knock off' piston springs
- Ventilated and grooved 380 mm brake discs mounted on aluminum disc bells
- Motorsport brake pads
- Optimized brake cooling duct layout

Rear axle:

- Aluminum, mono-bloc four-piston racing calipers with 'Anti knock off' piston springs
- Ventilated and grooved 380 mm brake discs mounted on aluminum disc bells
- Motorsport brake pads
- Optimized brake cooling duct layout

Rims/Tires:

Front axle:

- One piece forged alloy rims, 9J x 18, offset 28 mm, 5 bolt mounting
- Michelin transportation tires; dimensions: 25/64-18

Rear axle:

- One piece forged alloy rims, 10.5J x 18, offset 53, 5 bolt mounting
- Michelin transportation tires; dimensions: 27/68-18



Electrics:

- Porsche GT4 instrument cluster including typical motorsport display elements
- Porsche Track Precision Race App with provision for a lap trigger
- Electronic throttle system
- Battery 12 V, 70 Ah (AGM), leak-proof, mounted in passenger footwell
- Electric windows
- Emergency switch in cockpit and exterior emergency switch at lower left of windscreen frame
- Lighting system:
 - Main headlights with H7 technology
 - LED rear lighting system
- Electronic dynamic stability system PSM (Porsche Stability Management) with ABS, traction control and electronic stability control can be deactivated.
- Tire pressure monitoring system (TPMS)
- Optional: Air conditioning



Weight/Dimensions:

· Total weight:	approx. 1.300 kg
· Total length:	4.438 mm
· Total width:	1.817 mm
· Total height:	1.266 mm
· Aerodynamic drag coefficient:	$c_w = 0,32$
· Wheelbase:	2.484 mm

Colors:

- Water-based paint
- Exterior: white C9A
- Interior: white filler-coat, without lacquer

Delivery:

Starting January 2016

Conformity with Regulations:

Each customer is personally responsible that their car complies completely with the relevant regulations.

This document replaces previously published information.

The car cannot be registered for public road use.

All data subject to change without prior notice.

November 2015

