

Specifications Porsche 911 Carrera 4 GTS Cabriolet*

Body: Two-plus-two seat cabriolet; lightweight body in aluminum-steel construction with wings, doors, boot and bonnet lids made of aluminum; fully automatic panel bow top; two-stage driver and front passenger airbags; side and head airbags for driver and front passenger.

Aerodynamics:

Drag coefficient c_d :	0.3
Frontal area A:	2.04 m ²
$c_d \times A$:	0.61

Engine: Water-cooled six-cylinder flat engine; aluminum engine block and cylinder heads; four overhead camshafts; four valves per cylinder; variable intake valve timing and lift (VarioCam Plus); hydraulic valve clearance compensation; oscillating tube charging and variable length intake manifold; direct petrol injection; integrated dry sump lubrication; engine oil 10.1 liters, one three-way catalytic converter per cylinder bank, each with two oxygen sensors; electronic ignition with six individual ignition coils; thermal management for coolant circulation; auto start/stop function.

Bore:	102 mm
Stroke:	77.5 mm
Displacement:	3,800 cm ³
Compression ratio:	12.5:1
Engine power:	430 hp (316 kW) at 7,500 rpm
Max. torque:	440 Nm at 5,750 rpm
Power output per liter:	113.2 hp/l (83.2 kW/l)
Max. engine speed:	7,800 rpm
Fuel type:	Super Plus

Electrical system: 12 Volt; alternator 2,100 W; battery 70 Ah/450 A; electrical system recuperation.

* Specifications may vary according to markets

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Power transmission: Engine and transmission bolted into combined drive unit; active all-wheel drive with electronically controlled, map-controlled multi-plate clutch (PTM); seven-speed manual transmission with mechanically locking rear differential and Porsche Torque Vectoring (PTV); optional seven-speed dual clutch transmission (PDK) with controlled rear locking differential and PTV Plus.

Gear ratios	Manual	transmission PDK
1 st gear	3.91	3.91
2 nd gear	2.29	2.29
3 rd gear	1.55	1.65
4 th gear	1.30	1.30
5 th gear	1.08	1.08
6 th gear	0.88	0.88
7 th gear	0.71	0.62
Reverse	3.55	3.55
Final drive ratio, rear axle	3.44	3.44
Final drive ratio, front axle	3.33	3.33
Clutch diameter	240 mm	202 mm / 153 mm

Chassis: Front axle: strut suspension (MacPherson type, Porsche optimized) with wheels independently suspended by transverse links, longitudinal links and struts; cylindrical coil springs with internal dampers; electromechanical power steering.

Rear axle: multi-link suspension with wheels independently suspended on five links; cylindrical coil springs with coaxial internal dampers.

Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selectable damping programmes.

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Brakes:	Dual-circuit brake system with separate circuits for front and rear axles.		
	Front: six-piston aluminum monobloc brake callipers, perforated and internally ventilated brake discs with 340 mm diameter and 34 mm thickness.		
	Rear: four-piston aluminum monobloc brake callipers, perforated and internally ventilated brake discs with 330 mm diameter and 28 mm thickness.		
	Porsche Stability Management (PSM); vacuum brake booster; brake assist; electric parking brake; auto-hold function.		
Wheels and tires:	Front	9 J x 20	with 245/35 ZR 20
	Rear	11.5 J x 20	with 305/30 ZR 20
Weights:	Kerb weight, DIN		1,540 (1,560) kg
	Gross vehicle weight rating		1,935 (1,955) kg
Dimensions:	Length		4,509 mm
	Width		1,852 mm
	Width with door mirrors		1,978 mm
	Height		1,294 mm
	Wheelbase		2,450 mm
	Track widths	front	1,538 mm
		rear	1,560 mm
	Luggage compartment capacity	front	125 l
		rear	160 l
	Fuel tank capacity		68 l

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Performance:	Top speed	303 (301) km/h 188 (187) mph
	Acceleration	
	0 – 100 km/h	4.6 (4.2) s
	0 – 60 mph	4.4 (4.0) s
	0 – 200 km/h	15.3 (14.5) s
	0 – 400 m (1/4 mile)	12.7 (12.3) s
Fuel consumption: (NEDC)	0 – 1,000 m	22.7 (22.1) s
	Combined	10.0 (9.2) l/100 km
	Urban	13.9 (12.5) l/100 km
CO₂ emissions:	Extra-urban	7.7 (7.1) l/100 km
	Combined	235 (214) g/km
Emissions class:		Euro 6

Values in brackets refer to vehicles with PDK transmission

Status: November 2014