

# 911 Carrera GTS

## ENGINE

Design	Six-cylinder biturbo boxer engine; gasoline particulate filter (GPF)
Number of cylinders	6
Valves per cylinder	4
Displacement	2,981 cm <sup>3</sup>
Bore	91.0 mm
Stroke	76.4 mm
Maximum power	353 kW (480 PS)
At rpm	6,500 rpm
Maximum torque	570 Nm
At rpm	2,300 – 5,000 rpm
Maximum power output per litre	118 kW/l (161 PS/l)
Compression ratio	10.2:1
Maximum rpm	7,500 rpm
Cooling system	Water-cooled system with map-controlled thermal management and switchable water pump
Valve control	VarioCam Plus: Camshaft adjustment on the inlet and outlet sides; valve-lift switchover on the inlet side

## POWER TRANSMISSION

Powertrain	Rear-wheel drive; Porsche Torque Vectoring Plus (PTV Plus) including electronically controlled rear differential lock with fully variable torque distribution
Transmission	Eight-speed Porsche Dual Clutch transmission (PDK) with dual-mass flywheel
Gear ratio	
First gear	4.89
Second gear	3.17
Third gear	2.15
Fourth gear	1.56
Fifth gear	1.18
Sixth gear	0.94
Seventh gear	0.76
Eighth gear	0.61
Reverse gear	3.99
Rear-axle gear ratio	3.12

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## CHASSIS

Suspension and damping	PASM sports suspension (-10 mm): Sports suspension with independent springs (including helper springs on the rear axle), dampers and anti-roll bars as well as tuning of the control systems; includes lowering of the ride height by 10 mm
Front axle	Strut axle: wheels suspended individually on wishbones with longitudinal arms and struts (MacPherson design, optimised by Porsche)
Rear axle	Lightweight multi-link axle with wheels guided individually on five arms
Steering	Electromechanical power steering with variable steering ratio and steering pulse generator; optional rear-axle steering
Steering ratio	15.0:1 (straight-ahead position); 14.1:1 with rear-axle steering
Steering wheel diameter	360 mm
Turning circle diameter	11.2 m; 10.9 m with rear-axle steering
Vehicle stability system	Porsche Stability Management (PSM) including anti-lock braking system (ABS) with extended brake functions

## BRAKES

Brake system	Dual-circuit brake system split by axle; electromechanical power brake; Brake Assist; electrically operated duo-servo parking brake
Front-axle brakes	Six-piston aluminium monobloc fixed-calliper brakes; cast-iron composite brake discs with aluminium brake chambers; internally ventilated and cross-drilled
Diameter	408 mm
Thickness	36 mm
Rear-axle brakes	Four-piston aluminium monobloc fixed-calliper brakes; cast-iron composite brake discs with aluminium brake chambers; internally ventilated and cross-drilled
Diameter	380 mm
Thickness	30 mm

## WHEELS AND TYRES

Front wheels and tyres	8.5 J x 20 ET 50 with 245/35 ZR 20 tyres
Rear wheels and tyres	11.5 J x 21 ET 67 with 305/30 ZR 21 tyres

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## DIMENSIONS

Length	4,533 mm
Width (including exterior mirrors)	1,852 mm (2,024 mm)
Height	1,301 mm
Wheelbase	2,450 mm
Front track width	1,595 mm
Rear track width	1,557 mm

## LUGGAGE COMPARTMENT VOLUME AND WEIGHTS

Luggage compartment volume	132 l
Unladen weight (DIN)	1,545 kg
Gross vehicle weight	1,985 kg
Roof load with Porsche roof transport system	75 kg

## DRIVING PERFORMANCE

Top speed	311 km/h
Acceleration	
0 – 60 mph	3.2 s
0 – 100 km/h	3.4 s
0 – 160 km/h	7.6 s
0 – 200 km/h	11.6 s

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## FUEL AND EMISSIONS

Emissions standard	Euro 6d ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Fuel consumption (NEDC)	
Urban	13.4 l/100 km
Extra-urban	7.5 l/100 km
Combined	9.7 l/100 km
CO <sub>2</sub> emissions (NEDC)	
Combined	221 g/km
Fuel consumption (WLTP)	
Combined	11.4 – 10.7 l/100 km
CO <sub>2</sub> emissions (WLTP)	
Combined	258 – 244 g/km
Efficiency class (Germany)	G
Tank capacity (optional)	64 l (90 l)

## AERODYNAMICS

Drag coefficient ( $c_d$ )	0.31
Cross-sectional area A	2.07 m <sup>2</sup>
$c_d \times A$	0.642 m <sup>2</sup>