

# 911 Carrera GTS (MT)

## 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 (PTV) with variable torque distribution due to intelligent braking of the rear wheels and a mechanical rear differential with asymmetrical locking
Transmission	Seven-speed manual transmission with dual-disc clutch and dual-mass flywheel
Gear ratio	
First gear	3.91
Second gear	2.29
Third gear	1.58
Fourth gear	1.18
Fifth gear	0.94
Sixth gear	0.79
Seventh gear	0.62
Reverse gear	3.55
Rear-axle gear ratio	3.56

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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	1,303 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)	1,510 kg
Gross vehicle weight	1,955 kg
Roof load with Porsche roof transport system	75 kg

## DRIVING PERFORMANCE

Top speed	311 km/h
Acceleration	
0 – 60 mph	3.9 s
0 – 100 km/h	4.1 s
0 – 160 km/h	8.4 s
0 – 200 km/h	12.7 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	15.1 l/100 km
Extra-urban	7.4 l/100 km
Combined	10.3 l/100 km
CO <sub>2</sub> emissions (NEDC)	
Combined	234 g/km
Fuel consumption (WLTP)	
Combined	11.0 – 10.4 l/100 km
CO <sub>2</sub> emissions (WLTP)	
Combined	249 – 236 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>