

Technical data

	911 Carrera GTS	911 Carrera 4 GTS
Engine		
Design	Flat engine with twin turbochargers	
Number of cylinders	6	
Valves/cylinder	4	
Displacement	2,981 cm ³	
Bore	91.0 mm	
Stroke	76.4 mm	
Maximum power	331 kW (450 hp)	
at engine speed	6,500 rpm	
Maximum torque	550 Nm	
at engine speed	2,150–5,000 rpm	
Maximum power output per litre	111 kW/l (151 hp/l)	
Compression ratio	10.0:1	
Maximum engine speed	7,500 rpm	
Maximum boost pressure	1.25 bar	
Cooling system	Water cooling system with map-controlled thermal management and a switchable water pump.	
Valve control	VarioCam Plus: Camshaft control on the inlet and outlet side; valve-lift adjustment on the inlet side	

The technical data may vary from country to country

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Power transmission		
Powertrain	Rear-wheel drive	Porsche Traction Management (PTM): active all-wheel drive with electro-hydraulically actuated, map-controlled multi-plate clutch for variable torque distribution between front and rear axle
Gearbox	Seven-speed manual transmission with two-plate clutch, mechanical rear differential lock and Porsche Torque Vectoring (PTV); optional seven-speed double-clutch transmission (PDK) with electronically controlled rear differential lock and PTV Plus.	
Transmission ratio	Manual transmission/PDK	
1. gear	3.91/3.91	
2. gear	2.29/2.29	
3. gear	1.58/1.58	
4. gear	1.18/1.18	
5. gear	0.94/0.94	
6. gear	0.79/0.79	
7. gear	0.62/0.62	
Reverse gear	3.55/3.55	
Total transmission ratio RA	3.59/3.59	
Chassis		
Suspension and damping	Sports chassis with steel springs and 20 mm lowering; Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selectable damping programmes	
Front axle	Lightweight spring strut suspension (MacPherson type)	
Rear axle	Lightweight multi-link suspension with wheels independently suspended on five links	
Steering	Electromechanical power steering with variable steering ratio and steering impulse; optional rear-axle steering	
Steering ratio	16.9:1 (centre position) up to 12.25:1; 15.0:1 (centre position) up to 12.5:1 for rear-axle steering	
Steering wheel diameter	360 mm	
Turning circle diameter	11.1 m; 10.7 m with rear-axle steering	
Vehicle stability system	Porsche Stability Management (PSM) including ABS with enhanced braking functions	

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Brakes		
Brake system	Dual circuit brake system with separate circuit for front and rear axles; vacuum brake booster, brake assistant; electric duo-servo parking brake, automatic hold function; multi-collision brake	
Front axle brakes	Six-piston aluminium monobloc fixed-calliper brakes; perforated and vented grey cast iron brake discs	
Diameter	350 mm	
Thickness	34 mm	
Rear axle brakes	Four-piston aluminium monobloc fixed-calliper brakes; perforated and vented grey cast iron brake discs	
Diameter	330 mm	
Thickness	28 mm	
Wheels and tyres		
Front wheels and tyres	9 J x 20 ET 51 with 245/35 ZR 20 tyres	
Rear wheels and tyres	12 J x 20 ET 63 with 305/30 ZR 20 tyres	
Dimensions		
Length	4,528 mm	
Width (including exterior mirrors)	1,852 mm (1,978 mm)	
Height	1,284 mm	
Wheelbase	2,450 mm	
Front track width (for wheel size)	1,541 mm (20")	
Rear track width (for wheel size)	1,544 mm (20")	
Luggage compartment volumes and weights		
Luggage compartment volumes	Front 125, rear 260 l	
Weight empty according to DIN (manual/PDK)	1,450/1,470 kg	1,495/1,515 kg
Permissible gross weight (manual/PDK)	1,920/1,935 kg	1,950/1,965 kg
Weight-to-power ratio	4.4/4.4 kg/kW (3.2/3.3 kg/PS)	4.5/4.6 kg/kW (3.3/3.4 kg/PS)

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Driving performance		
Top speed (manual/PDK)	312/310 km/h	310/308 km/h
Acceleration (manual/PDK)		
0–60 mph with Sport Plus	3.9/3.5 s	3.8/3.4 s
0–100 km/h with Sport Plus	4.1/3.7 s	4.0/3.6 s
0–160 km/h with Sport Plus	8.4/7.9 s	8.6/8.1 s
0–200 km/h with Sport Plus	13.2/12.4 s	13.6/12.8 s

Fuel and emissions		
Emissions standard	EURO 6	
Fuel type	Super Plus (98 RON)	
Fuel consumption (manual/PDK)		
Urban	12.9/10.7 l/100 km	13.0/10.9 l/100 km
Extra-urban	7.3/6.9 l/100 km	7.4/7.1 l/100 km
Combined	9.4/8.3 l/100 km	9.5/8.5 l/100 km
CO₂ emissions (manual/PDK)		
Combined	212/188 g/km	216/192 g/km
Efficiency class Germany (manual/PDK)	G/E	
Tank capacity	64 l (90 l available as an option, not available in China, USA or for right-hand drive vehicles)	67 l

Aerodynamics		
Drag coefficient c_w	0.31	
Cross-sectional area A	2.05 m ²	
$c_d \times A$	0.64	