

Specifications 911 Carrera 4 / 911 Carrera 4S Cabriolet*

Body:	Cabriolet; monocoque structure; lightweight all-steel bodyshell hot-galvanised on both sides, full-size side and head airbags for the driver and front passenger; 2+2-seater.
Aerodynamics:	Drag coefficient: $C_d = 0.30$ (Carrera 4); 0.29 (Carrera 4S) Frontal area: $A = 2.04 \text{ m}^2$ $C_d \times A = 0.61$ (Carrera 4); 0.59 (Carrera 4S)
Power Unit:	Six-cylinder aluminium boxer engine; water-cooled; engine block and cylinder heads made of aluminium; four over-head camshafts; four valves per cylinder; adjustment of valve timing on the intake camshaft and modification of valve lift (VarioCam Plus); hydraulic valve play compensation; switchable intake manifold; integrated dry sump lubrication; two-stage cascade-type catalytic converter; two oxygen sensors with dual control, engine oil capacity 10.30 litres/2.27 Imp gals (Carrera 4) and, respectively, 10.55 litres/2.32 Imp gals (Carrera 4S); coolant 31 litres/6.82 Imp gals; DME (Digital Motor Electronics) engine management for the ignition, fuel injection and camshaft adjustment; electronic ignition with solid-state distributor (six coils); sequential multi-point fuel injection.
Bore:	96 mm/3.78" (Carrera 4); 99 mm/3.90" (Carrera 4S)
Stroke:	82.8 mm/3.26"
Capacity:	3596 cc (Carrera 4); 3824 cc (Carrera 4S)
Compression Ratio:	11.3:1 (Carrera 4); 11.8:1 (Carrera 4S)
Engine Output:	239 kW (325 bhp) at 6800 rpm (Carrera 4); 261 kW (355 bhp) at 6600 rpm (Carrera 4S)
Max Torque:	370 Nm/273 lb-ft at 4250 rpm (Carrera 4); 400 Nm/295 lb-ft at 4600 rpm (Carrera 4S)
Output per Litre:	66.5 kW/90.4 bhp (Carrera 4); 68.3 kW/92.9 bhp (Carrera 4S)
Max Engine Speed:	7300 rpm
Fuel Grade:	Premium plus (RON/MON 98/88), unleaded
Electrical System:	12 V, 2100 W alternator, battery capacity 70 Ah

* Specifications may vary from one country to another

Power Transmission: Engine and transmission bolted to form one drive unit; power conveyed by dual propeller shafts to the rear wheels and via driveshaft and viscous multiple-plate clutch to the front wheels.

Transmission ratios:	Manual	Tiptronic S
1 st	3.91	3.60
2 nd	2.32	2.19
3 rd	1.61	1.41
4 th	1.28	1.00
5 th	1.08	0.83
6 th	0.88	–
Reverse	3.59	3.17
Final drive ratio:		
Rear axle	3.44	3.56
Front axle	3.33	3.45
Clutch diameter: 240 mm/9.45"		
(Self-adjusting on the Carrera 4S)		

Chassis and Suspension: Front axle: Spring strut configuration (optimised by Porsche) with spring strut-guided independent suspension on track control and longitudinal arms; conical stump springs with inner damper; twin-sleeve gas pressure springs (with active control on the Carrera 4S).

Rear axle: Multi-arm axle; wheels mounted independently on five arms; cylindrical coil spring on each wheel with coaxial inner damper; single-sleeve gas pressure damper (with active management on the Carrera 4S).

Brakes: Two-circuit brake system with one circuit at the front, one at the rear; four-piston aluminium monobloc brake callipers; cross-drilled, inner-vented brake discs measuring 318 x 28 mm/12.52 x 1.10" diameter x width (Carrera 4) and, respectively, 330 x 34 mm/13.00 x 1.34" (Carrera 4S) at the front, and 299 x 24 mm/11.78 x 0.94" diameter x width (Carrera 4) and, respectively, 330 x 28 mm/13.00 x 1.10" (Carrera 4S) at the rear; PSM 8.0; tandem brake servo.

Wheels and Tyres:	Front	8 J x 18	on	235/40 ZR 18 (Carrera 4)	
		8 J x 19	on	235/35 ZR 19 (Carrera 4S)	
	Rear	11 J x 18	on	295/35 ZR 18 (Carrera 4)	
		11 J x 19	on	305/30 ZR 19 (Carrera 4S)	
Weight:	Unladen, DIN			1535 kg/3385 lb (Carrera 4, manual)	
				1575 kg/3473 lb (Carrera 4, Tiptronic S)	
				1560 kg/3440 lb (Carrera 4S, manual)	
				1600 kg/3528 lb (Carrera 4S, Tiptronic S)	
	Max permissible			1920 kg/4234 lb (Carrera 4, manual)	
				1965 kg/4333 lb (Carrera 4, Tiptronic S)	
				1930 kg/4256 lb (Carrera 4S, manual)	
				1975 kg/4355 lb (Carrera 4S, Tiptronic S)	
Dimensions:	Length	4427 mm/174.3"			
	Width	1852 mm/72.9"			
	Height	1310 mm/51.6" (Carrera 4)			
		1300 mm/51.2" (Carrera 4S)			
	Wheelbase	2350 mm/92.5"			
	Track				
		front	1488 mm/58.6"		
		rear	1548 mm/60.9"		
	Luggage compartment capacity				
	to VDA standard:		105 litres (3.68 cu ft), overall		
Tank capacity:		67 litres (14.74 Imp gals)			

Performance:

Top speed 280 km/h (174 mph) (Carrera 4, manual)
 275 km/h (171 mph) (Carrera 4, Tiptronic S)
 288 km/h (179 mph) (Carrera 4S, manual)
 280 km/h (174 mph) (Carrera 4S, Tiptronic S)

Acceleration in sec:

0 – 100 km/h: 5.3 (Carrera 4, manual)
 5.8 (Carrera 4, Tiptronic S)
 4.9 (Carrera 4S, manual)
 5.4 (Carrera 4S, Tiptronic S)

0 – 160 km/h: 11.6 (Carrera 4, manual)
 12.6 (Carrera 4, Tiptronic S)
 11.1 (Carrera 4S, manual)
 12.1 (Carrera 4S, Tiptronic S)

0 – 200 km/h: 19.0 (Carrera 4, manual)
 22.0 (Carrera 4, Tiptronic S)
 17.6 (Carrera 4S, manual)
 20.1 (Carrera 4S, Tiptronic S)

Standing start km 24.3 (Carrera 4, manual)
 25.1 (Carrera 4, Tiptronic S)
 23.7 (Carrera 4S, manual)
 24.7 (Carrera 4S, Tiptronic S)

Fuel consumption Carrera 4***(EU standard):**

Urban 16.6 (17.4) litres/100 km

Extra-urban 8.4 (8.6) litres/100 km

Composite 11.3 (11.6) litres/100 km

Fuel consumption Carrera 4S***(EU standard):**

Urban 17.5 (18.0) litres/100 km

Extra-urban 8.5 (8.6) litres/100 km

Composite 11.8 (11.9) litres/100 km

CO₂ emissions Carrera 4***(EU standard):**

272 (280) g/km

CO₂ emissions Carrera 4S***(EU standard):**

285 (286) g/km

*Figures in brackets relate to models with Tiptronic S