



PORSCHE

**Technical Specifications**

**911 Carrera 4**

**911 Carrera 4S**

**Engine**

Engine Concept	Water-cooled, rear-mounted, horizontally opposed 6 cylinder	Water-cooled, rear-mounted, horizontally opposed 6 cylinder
Construction	Aluminum engine block and cylinder heads	Aluminum engine block and cylinder heads
Valvetrain	Four overhead camshafts, four valves per cylinder, variable valve timing and valve lift (VarioCam Plus) on the intake side)	Four overhead camshafts, four valves per cylinder, variable valve timing and valve lift (VarioCam Plus) on the intake side)
Intake System	Direct fuel injection	Direct fuel injection
Lubrication	Integrated Dry Sump	Integrated Dry Sump
Management	EMS SDI 9.1	EMS SDI 9.1
Electrical System	12-volt; three-phase generator 2.1 kw battery capacity 70 Ah, 450 A; vehicle electrical system recuperation.	12-volt; three-phase generator 2.1 kw; battery capacity 70 Ah, 450 A; vehicle electrical system recuperation.
Fuel	Premium unleaded	Premium unleaded
Bore	3.82 in. (97 mm)	4.02 in. (102 mm)
Stroke	3.05 in. (77.5 mm)	3.05 in. (77.5 mm)
Displacement	3.4 liters	3.8 liters
Maximum Horsepower	350 hp @ 7400 rpm	400 hp @ 7400 rpm
Maximum Torque	287 lb.-ft. @ 5600 rpm	325 lb.-ft. @ 5600 rpm
Compression ratio	12.5:1	12.5:1
Engine redline	7800 rpm	7800 rpm
Output per liter	102.9 hp	105.3 hp
Drivetrain	All-wheel drive	All-wheel drive
Power unit	Engine and transmission bolted into single drive unit; active all-wheel drive with electronically controlled, multi-plate clutch	Engine and transmission bolted into single drive unit; active all-wheel drive with electronically controlled, multi-plate clutch

**Transmission**

Manual transmission	7-speed manual	7-speed manual
Automatic transmission	7-speed, double-clutch (PDK)	7-speed, double-clutch (PDK)
Ratios (PDK in parentheses)		
1st	3.91 (3.91)	3.91 (3.91)
2nd	2.29 (2.29)	2.29 (2.29)
3rd	1.55 (1.65)	1.55 (1.65)
4th	1.30 (1.30)	1.30 (1.30)
5th	1.08 (1.08)	1.08 (1.08)
6th	0.88 (0.88)	0.88 (0.88)
7th	0.71 (0.62)	0.71 (0.62)
Reverse	3.55 (3.55)	3.55 (3.55)
Final Drive Ratio	3.44:1 (3.44:1)	3.44:1 (3.44:1)
Clutch diameter	240 mm (202 mm/153 mm)	240 mm (202 mm/153 mm)

Body Two-plus-two sport coupe with front luggage compartment; aluminum-steel construction.

**Chassis**

Drag Coefficient (Cabriolet)	0.30 (.31)	0.30 (.31)
Front Suspension	Independent MacPherson axle with traverse and longitudinal control arms and suspension struts, shocks inside springs, electro-mechanical power steering	Independent MacPherson axle with traverse and longitudinal control arms and suspension struts, shocks inside springs, electro-mechanical power steering
Rear Suspension	McPherson spring strut axle, wheels suspended individually on wishbones with trailing links and suspension struts	McPherson spring strut axle, wheels suspended individually on wishbones with trailing links and suspension struts
Steering Ratio	Variable 12.25:1 - 16.6:1	Variable 12.25:1 - 16.6:1
Turning Circle	36.4 ft.	36.4 ft.
Brakes	4-piston monobloc fixed aluminum calipers front and rear. 330 x 28 mm front / 330 x 28 mm rear diameter internally vented and cross drilled discs.	6-piston front and 4-piston rear monobloc fixed aluminum calipers. 340 x 34 mm front /330 x 28 mm rear diameter internally vented and cross drilled discs.
Wheels	8.5Jx19 front, 11Jx19 rear	8.5Jx20 front, 11Jx20 rear
Tires	235/40 ZR 19 front, 295/35 ZR 19 rear	245/35 ZR 20 front, 305/30 ZR 20 rear



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<b>Dimensions</b>		
Wheelbase	96.5 in.	96.5 in.
Overall length	176.81 in.	176.81 in.
Width excl. mirrors	72.91 in.	71.18 in.
Width incl. mirrors	77.87 in.	77.87 in.
Front track	60.31 in.	60.55 in.
Rear track	61.42 in.	61.10 in.
Legroom*	TBD	TBD
Headroom	TBD	TBD
Height (Cabriolet)	51.34 in. (51.18 in.)	51 in. (50.93 in.)
Curb weight w/ manual (Cabriolet)	3,153 lbs. (3,307 lbs.)	3,186 lbs. (3,340 lbs.)
Curb weight w/ PDK (Cabriolet)	3,197 lbs. (3,351 lbs.)	3,230 lbs. (3,384 lbs.)
Luggage capacity- Front	4.41 cu. ft.	4.41 cu. ft.
Fuel tank capacity	18 gal.	18 gal.
Payload	Coupe: 915 lbs. Cabriolet: 882 lbs.	Coupe: 948 lbs. Cabriolet: 926 lbs.
<b>Fuel Consumption (mpg)</b>		
	Coupe:	
City (manual/PDK)	19/20	18/19
Highway (manual/PDK)	27/28	26/26
Combined (manual/PDK)	22/23	21/22
	Cabriolet:	
City (manual/PDK)	19/20	18/19
Highway (manual/PDK)	26/27	26/26
Combined (manual/PDK)	21/22	21/21
<b>Performance</b>		
	Coupe:	
0-60 (PDK)	4.7 s (4.5 s)	4.3 s (4.1 s)
Top track speed (PDK)	177 mph (175 mph)	185 mph (184 mph)
	Cabriolet:	
0-60 (PDK)	4.9 s (4.7 s)	4.5 s (4.3 s)
Top track speed (PDK)	175 mph (173 mph)	183 mph (182 mph)

\* Interior Length: Driver's Side: from depressed clutch pedal to the hip point of seat