



Technical Specifications	911 Carrera	911 Carrera S
<b>Engine</b>		
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	Intergrated Dry Sump	Intergrated Dry Sump
Management	EMS SDI 9.1	EMS SDI 9.1
Electrical System	12-volt; three-phase generator 2.100 W; battery capacity 70 Ah, 450 A; vehicle electrical system recuperation.	12-volt; three-phase generator 2.100 W; battery capacity 70 Ah, 450 A; vehicle electrical system recuperation.
Fuel	Premium unleaded	Premium unleaded
Bore	97.0 mm	102.0 mm
Stroke	77.5 mm	77.5 mm
Displacement	3,436 cm <sup>3</sup>	3,800 cm <sup>3</sup>
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	101.9 hp	105.3 hp
Drivetrain	Rear-wheel drive	Rear-wheel drive
Power unit	Engine and transmission bolted into single drive unit	Engine and transmission bolted into single drive unit
<b>Transmission</b>		
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	9.45 in. (7.95 / 6.02)	9.45 in. (7.95 / 6.02)
Body	Two-plus-two sport coupe with front luggage compartment; aluminum-steel construction.	
<b>Chassis</b>		
Drag Coefficient	0.29	0.29
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. 13.39 x 1.3 in. front / 12.99 x 1.1 in. rear diameter internally vented and cross drilled discs.	6-piston front and 4-piston rear monobloc fixed aluminum calipers. 13.39 x 1.3 in. front / 12.99 x 1.1 in. 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, 285/35 ZR 19 rear	245/35 ZR 20 front, 295/30 ZR 20 rear



PORSCHE

Technical Specifications	911 Carrera	911 Carrera S
<b>Dimensions</b>		
Wheelbase	96.46 in.	96.46 in.
Overall length	176.81 in.	176.81 in.
Width excl. mirrors	71.18 in.	71.18 in.
Width incl. mirrors	77.87 in.	77.87 in.
Front track 19" (20")	60.31 in. (60.55 in.)	60.31 in. (60.55 in.)
Rear track 19" (20")	59.76 in. (59.69 in.)	59.76 in. (59.69 in.)
Legroom*	TBD	TBD
Headroom	TBD	TBD
Height	51.30 in.	50.98 in.
Curb weight w/ manual (Cabriolet)	3,042 lbs. (3,197 lbs.)	3,075 lbs. (3,230 lbs.)
Curb weight w/ PDK (Cabriolet)	3,086 lb. (3,241 lbs.)	3,120 lbs. (3,274 lbs.)
Luggage capacity	4.76 cu. ft.	4.76 cu. ft.
Fuel tank capacity	16.9 gal.	16.9 gal.
Payload	914.9 lbs	959 lbs
<b>Fuel Consumption (mpg)</b>		
Coupe:		
City (manual/PDK)	19/ 20	19/ 20
Highway (manual/PDK)	27/ 28	27/ 27
Combined (manual/PDK)	22/ 23	22/ 22
Cabriolet:		
City (manual/PDK)	19/ 20	19/ 19
Highway (manual/PDK)	27/ 28	27/ 27
Combined (manual/PDK)	22/ 23	22/ 22
<b>Performance</b>		
Coupe:		
0-60 (PDK)	4.6 s (4.4 s)	4.3 s (4.1 s)
Top track speed (PDK)	179 mph (178 mph)	188 mph (187 mph)
Cabriolet:		
0-60 (PDK)	4.8 s (4.6 s)	4.5 s (4.3 s)
Top track speed (PDK)	177 mph (176 mph)	187 mph (185 mph)

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