

## 2005 Porsche® 911® Carrera® and Carrera S Specifications

	911 Carrera	911 Carrera S
<b>Engine</b>		
Concept	Water-cooled, rear-mounted, horizontally opposed "boxer" six-cylinder	Water-cooled, rear-mounted, horizontally opposed "boxer" six-cylinder
Construction	Engine block and cylinder heads made of aluminum	Engine block and cylinder heads made of aluminum
Valvetrain	Four valves per cylinder (two intake, two exhaust) activated by four overhead camshafts with continuous camshaft adjustment	Four valves per cylinder (two intake, two exhaust) activated by four overhead camshafts with continuous camshaft adjustment
Intake System	Variable-length manifold	Variable-length manifold
Lubrication	Integrated dry sump	Integrated dry sump
Exhaust	Two-stage cascade-type catalytic	Two-stage cascade-type catalytic
Management	DME (Digital Motor Electronics) management for ignition, fuel injection and camshaft adjustment, with solid state distributor system (six ignition coils) and sequential multi-point fuel injection	DME (Digital Motor Electronics) management for ignition, fuel injection and camshaft adjustment, with solid state distributor system (six ignition coils) and sequential multi-point fuel injection
Electrical System	12 volt (2100 watt three-phase alternator with 70 Ah 340 A battery capacity)	12 volt (2100 watt three-phase alternator with 70 Ah 340 A battery capacity)
Fuel	Premium unleaded (91 octane or greater)	Premium unleaded (91 octane or greater)
Bore	3.78 in. (96 mm)	3.90 in. (99 mm)
Stroke	3.26 in. (82.8 mm)	3.26 in. (82.8 mm)
Capacity	3596 cc	3824 cc
Maximum horsepower	325 @6800 rpm	355 @6600 rpm
Maximum torque	273 lb-ft @ 4250 rpm	295 lb-ft @ 4600 rpm
Compression ratio	11.3:1	11.8:1
Output per liter	90.4 hp	92.9 hp
<b>Lower Transmission</b>	Engine and transmission bolted together to form one drive unit, engine power transmitted via driveshafts	Engine and transmission bolted together to form one drive unit, engine power transmitted via driveshafts
Drivetrain	Rear-wheel drive	Rear-wheel drive
Torque split (normal)	100 percent rear	100 percent rear
Transmission	Six-speed manual	Six-speed manual
Gear Ratios		
	1 3.91	3.91
	2 2.32	2.32
	3 1.61	1.61
	4 1.28	1.28
	5 1.08	1.08
	6 0.88	0.88
	R 3.59	3.59
Final Drive Ratio	3.44	3.44
Clutch/Converter diameter	9.45 in. (240 mm)	9.45 in. (240 mm)
<b>Body</b>	Monocoque with all-steel lightweight body shell, hot-galvanized on both sides	Monocoque with all-steel lightweight body shell, hot-galvanized on both sides

Coefficient of drag (Cd)	0.28	0.29
<b>Suspension</b>		
Front	Independent, Porsche-optimized MacPherson strut with aluminum lower control arms, coil springs, 0.93 x 0.14 in diameter stabilizer bar, gas-charged twin-tube shock absorbers, negative steering roll radius	Independent, Porsche-optimized MacPherson strut with aluminum lower control arms, coil springs, 0.94 x 0.15 in - mm diameter stabilizer bar, gas-charged twin-tube shock absorbers with active control, negative steering roll radius
Rear	Independent, five arms configuration, coil springs, single-sleeve gas-pressure shock absorber	Independent, five arms configuration, coil springs, single-sleeve gas-pressure shock absorber with active control
<b>Brakes</b>		
Front	Two-circuit system with separate brake circuits on each axle, standard anti-lock technology and vacuum brake servo	Two-circuit system with separate brake circuits on each axle, standard anti-lock technology and vacuum brake servo
Front	Four-piston aluminum monobloc calipers, cross-drilled and inner-vented, with 12.52 x 1.10 inch (318 x 28 mm) diameter and thickness	Four-piston aluminum monobloc calipers, cross-drilled and inner-vented, with 12.99 x 1.34 in inch (330 x 34 mm) diameter and thickness
Rear	Four-piston aluminum monobloc calipers with 11.77 x 0.94 in (299 x 24 mm) diameter and thickness	Four-piston aluminum monobloc calipers with 12.99 x 1.10 in (330 x 28 mm) diameter and thickness
<b>Wheels and Tires</b>		
Standard front	8J x 18 inch with 235/40 ZR 18	8J x 19 inch with 235/35 ZR 19
Standard rear	10J x 18 with 265/40 ZR 18	11J x 19 inch with 295/30 ZR 19
<b>Weights and Dimensions</b>		
Curb Weight	3075 lbs	3131 lbs
Wheelbase	92.52 in. (2350 mm)	92.52 in. (2350 mm)
Length	175.63 in. (4461 mm)	175.63 in. (4461 mm)
Width	71.18 in. (1808 mm)	71.18 in. (1808 mm)
Height	51.57 in. (1310 mm)	51.18 in (1300 mm)
Front Track	58.5 in. (1486 mm)	58.5 in (1486 mm)
Rear Track	60.39 in (1534 mm)	59.69 in (1516 mm)
Ground clearance	4.17 in. (106 mm)	3.78 in. (96 mm)
Luggage compartment	4.76 cu. ft. (135 li.)	4.76 cu. ft. (135 li.)
Maximum load capacity	3990 lbs. (1810 kg)	4012 lbs. (1820 kg)
Fuel tank capacity	16.9 gal.	16.9 gal.
<b>Performance</b>		
Top Track Speed	177 mph (285 km/h)	182 mph (293 km/h)
Acceleration		
(0-60 mph/96 km/h)	4.8 seconds	4.6seconds
(0-100 mph/ 160 km/h)	11.0 seconds	10.7 seconds
0-124 mph/200 kmph)	17.5 seconds	16.5 seconds
(standing kilometer)	23.8 seconds	23.4 seconds