

2012 Porsche 911  
 Technical Specifications



	911 Carrera (991)	911 Carrera S (991)
<b>Engine</b>		
Engine Concept	Water-cooled, rear-mounted, horizontally opposed 6 cylinder	
Construction	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 System	Direct fuel injection	
Lubrication	Intergrated Dry Sump	
Management		
Electrical System	12-volt; three-phase generator 2,100 W; battery capacity 70 Ah, 450 A; vehicle electrical system recuperation.	
Fuel	Premium unleaded	
Bore	3.818 in.	4.01 in.
Stroke	3.05 in.	3.05 in.
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	105.2 hp
Drivetrain	Rear-wheel drive	
Power unit	Engine and transmission bolted into single drive unit	
<b>Transmission</b>		
Manual transmission	7-speed manual	
Automatic transmission	7-speed, double-clutch (PDK)	
Ratios (PDK in parentheses)		
1st	3.91 (3.91)	
2nd	2.29 (2.29)	
3rd	1.55 (1.65)	
4th	1.30 (1.30)	
5th	1.08 (1.08)	
6th	0.88 (0.88)	
7th	0.71 (0.62)	
Reverse	3.55 (3.55)	
Final Drive Ratio	3.44:1 (3.44:1)	
Clutch diameter	9.44 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	
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	
Turning Circle	36' 41"	
Brakes	4-piston monobloc fixed aluminum calipers front and rear. 12.99 x 1.1 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. 13.38 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	235/40ZR19 front, 285/30ZR19 rear	245/35ZR20 front, 295/30ZR20 rear
<b>Dimensions</b>		
Wheelbase	96.46 in.	
Overall length	176.81 in.	
Width	71.18 in.	
Front track (in/mm)	60.31 in.	60.55 in.
Rear track (in/mm)	59.76 in.	59.69 in.
Legroom*	TBD	
Headroom	TBD	
Height	51.30 in.	50.98 in.
Curb weight w/ manual	3,042 lbs.	3,075 lbs.
Curb weight w/ PDK	3,086 lb.	3,120 lb.s

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Luggage capacity	4.76 cu. ft.	
Fuel tank capacity	16.9 gal.	
Payload	914.9 lbs	959 lbs
<b>Fuel Consumption (mpg)</b>		
City (manual/PDK)	TBD	
Highway (manual/PDK)	TBD	
Combined (manual/PDK)	TBD	
<b>Performance</b>		
0-60 (manual: PDK: Sport Chrono PDK)	4.6 / 4.4 / 4.2 sec.	4.3 / 4.1 / 3.9 sec.
Top track speed manual (PDK)	179 (178) mph	188 (187) mph
* Interior Length: Driver's Side: from depressed clutch pedal to the hip point of seat		