



	Boxster (981)	Boxster S (981)
<b>Engine</b>		
Engine Concept	Water-cooled, mid-mounted, 6-cylinder boxer engine	Water-cooled, mid-mounted, 6-cylinder boxer engine
Construction	Aluminum block and heads	Aluminum block and heads
Valvetrain	Four overhead camshafts; four valves per cylinder; valve timing and valve stroke variable on the intake side (VarioCam Plus); hydraulic valve play compensation	Four overhead camshafts; four valves per cylinder; valve timing and valve stroke variable on the intake side (VarioCam Plus); hydraulic valve play compensation
Intake System	Direct fuel injection	Direct fuel injection
Lubrication	Integrated dry sump system; 10.67 quarts (10.1 liters) engine oil	Integrated dry sump system; 10.67 quarts (10.1 liters) engine oil
Management	Electronic ignition with solid-state distributor (eight coils); secondary air injection	Electronic ignition with solid-state distributor (eight coils); secondary air injection
Electrical System	12 V, 2100 W alternator; battery capacity 70 Ah	12 V, 2100 W alternator; battery capacity 70 Ah
Fuel	Super unleaded	Super unleaded
Bore		
Stroke		
Displacement	2.7 liters	3.4 liters
Maximum Horsepower	265 hp at 6,700 rpm	315 hp at 6,700 rpm
Maximum Torque	206 lb.-ft. at 4,400 - 6,500 rpm	266 lb.-ft. at 4,500 - 5,800 rpm
Compression ratio	12.5:1	12.5:1
Engine redline	7,800	7,800
Output per liter	98.1 hp	92.6hp
Drivetrain	Rear-wheel drive	Rear-wheel drive
Power unit		
<b>Transmission</b>		
Manual transmission	6-speed	6-speed
Automatic transmission	7-speed PDK	7-speed PDK
Ratios (PDK in parentheses)		
1st	3.67 (3.91)	3.31 (3.91)
2nd	2.05 (2.29)	1.95 (2.29)
3rd	1.46 (1.65)	1.41 (1.65)
4th	1.13 (1.30)	1.13 (1.30)
5th	.97 (1.08)	.95 (1.08)
6th	.84 (.88)	.81 (.88)
7th	(0.62)	(0.62)
Reverse	3.33 (3.55)	3.0 (3.55)
Final Drive Ratio	3.89	3.89
Clutch diameter	<b>Manual:</b> 240 mm (dual-mass flywheel). <b>7-speed PDK:</b> 202/153 mm	<b>Manual:</b> 240 mm (dual-mass flywheel). <b>7-speed PDK:</b> 202/153 mm
Body	Monocoque lightweight body in a combination of steel, aluminum and magnesium	Monocoque lightweight body in a combination of steel, aluminum and magnesium
<b>Chassis</b>		
Drag Coefficient	0.3	0.31
Front Suspension	McPherson axle (optimised to Porsche requirements) with wheel-guiding strut and wheels independently mounted on transverse and longitudinal control arms; twin-tube gas-pressure dampers; anti-roll bar; electro-mechanical power steering	McPherson axle (optimised to Porsche requirements) with wheel-guiding strut and wheels independently mounted on transverse and longitudinal control arms; twin-tube gas-pressure dampers; anti-roll bar; electro-mechanical power steering
Rear Suspension	Wheels independently guided on transverse control arms with longitudinal control arms, tie rods and suspension struts (McPherson type, optimised to Porsche requirements); with coaxial vibration dampers mounted inside cylindrical coil springs; anti-roll bar	Wheels independently guided on transverse control arms with longitudinal control arms, tie rods and suspension struts (McPherson type, optimised to Porsche requirements); with coaxial vibration dampers mounted inside cylindrical coil springs; anti-roll bar
Steering Ratio	16:5:1 (center position) to 12:37:1 (variable)	16:5:1 (center position) to 12:37:1 (variable)
Turning Circle	11.0 m	11.0 m
Brakes	Front internally vented discs, 12.4 x 1.1-in; Rear internally vented discs, 11.77 x 0.80-inch discs, 4-piston aluminum monobloc calipers front/rear	Front internally vented discs, 13.0 x 1.1-in; Rear internally vented discs, 11.77 x 0.80-inch discs, 4-piston aluminum monobloc calipers front/rear
Wheels	8Jx18 Front, 9Jx18 Rear	8Jx19 Front, 9.5Jx19 Rear
Tires	235/45 ZR 18 Front 265/45 ZR 18 Rear	235/40 ZR 19 Front 265/40 ZR 19 Rear
SS		
<b>Dimensions</b>		
Wheelbase	97.4 in.	97.4 in.
Overall length	172.2 in.	172.2 in.
Width (w/ mirrors)	70.9 in. (77.9 in.)	70.9 in. (77.9 in.)
Front track (in/mm)	60.1 (1526)	60.1 (1526)
Rear track (in/mm)	60.5 (1536)	60.6 (1540)

2013 Porsche Boxster  
 Technical Specifications



	<b>Boxster (981)</b>	<b>Boxster S (981)</b>
Legroom*		
Headroom		
Height	50.5	50.4
Curb weight w/ manual	2,888 lbs.	2,910 lbs.
Curb weight w/ PDK	2,954 lbs.	2,976 lbs.
Luggage capacity front	5.3 cu. ft.	5.3 cu. ft.
Luggage capacity rear	4.6 cu. ft.	4.6 cu. ft.
Fuel tank capacity	16.9 gal	16.9 gal
Payload	739 lbs.	739 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)	(5.5 s; 5.4 s; 5.2 s)	4.8 s; 4.7 s; 4.5 s)
Top track speed manual (PDK)	164 mph (162 mph)	173 mph (172 mph)
* Interior Length: Driver's Side: from depressed clutch pedal to the hip point of seat		