

# 2012 Porsche Panamera

## Technical Specifications



	Panamera S	Panamera 4S
<b>Engine</b>		
Engine Concept	Water-cooled, front-mounted 90-degree V8	Water-cooled, front-mounted 90-degree V8
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.
Fuel Injection System	Direct Fuel Injection	Direct Fuel Injection
Lubrication	Integrated dry sump system; 11.9 quarts (11.3 liters) engine oil.	Integrated dry sump system; 11.9 quarts (11.3 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, 2660 W alternator; battery capacity 95 Ah	12 V, 2660 W alternator; battery capacity 95 Ah
Fuel	Premium Unleaded	Premium Unleaded
Bore	96 mm (3.78 in.)	96 mm (3.78 in.)
Stroke	83 mm (3.27 in)	83 mm (3.27 in)
Displacement	4.8 Liters	4.8 Liters
Maximum Horsepower	400 hp at 6500 rpm	400 hp at 6500 rpm
Maximum Torque	369 lb-ft from 3500 to 5000 rpm	369 lb-ft from 3500 to 5000 rpm
Compression ratio	12.5:1	12.5:1
Engine redline	6700	6700
Output per liter	83.3 hp	83.3 hp
Drivetrain	Rear wheel drive	Active all wheel drive
<b>Transmission</b>		
Manual transmission	N/A	N/A
Automatic transmission	PDK	PDK
<b>Ratios</b>		
1st	5.97	5.97
2nd	3.31	3.31
3rd	2.01	2.01
4th	1.37	1.37
5th	1	1
6th	0.81	0.81
7th	0.59	0.59
Reverse	4.57	4.57
Final Drive Ratio	3.54	3.54
Clutch diameter	7.95/5.98 in.	7.95/5.98 in.
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	0.29	0.29

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Front Suspension	Fully independent double-wishbone	Fully independent double-wishbone
Rear Suspension	Fully independent multi-link, standard PASM	Fully independent multi-link, standard PASM
Steering Ratio	17.11:1 to 13.76:1	17.11:1 to 13.76:1
Turning Circle	39.3 ft.	39.3 ft.
Brakes	Front six-piston aluminum monobloc fixed calipers with 14.15 x 1.42-inch discs; Rear four-piston aluminum monobloc fixed calipers with 12.99 x 1.10-inch discs.	Front six-piston aluminum monobloc fixed calipers with 14.15 x 1.42-inch discs; Rear four-piston aluminum monobloc fixed calipers with 12.99 x 1.10-inch discs.
Wheels	8 x 18 RO 59 Front 9 x 18 RO 53 Rear	8 x 18 RO 59 Front 9 x 18 RO 53 Rear
Tires	245/50 ZR 18 Front 275/45 ZR 18 Rear	245/50 ZR 18 Front 275/45 ZR 18 Rear
<b>Dimensions</b>		
Wheelbase	114.9 in.	114.9 in.
Overall length	195.7 in.	195.7 in.
Width	83.2 in.	83.2 in.
Front track (in/mm)	65.3 in.	65.3 in.
Rear track (in/mm)	65.4 in.	65.4 in.
Legroom*	41.9 in.	41.9 in.
Headroom	38 in.	38 in.
Height	55.8 in.	55.8 in.
Curb weight w/ manual	N/A	N/A
Curb weight w/ PDK	3968 lbs.	4101 lbs.
Luggage capacity	44.6 cu. ft.	44.6 cu. ft.
Fuel tank capacity	21.0 gal.	26.4 gal.
Payload	1334 lbs.	1279 lbs.
<b>Fuel Consumption (mpg)</b>		
City (PDK)	16	16
Highway (PDK)	24	24
Combined (PDK)	19	19
<b>Performance</b>		
0-60	5.2 (5.0)	4.8 (4.6)
Top track speed (PDK)	175 mph	175 mph
* Interior Length: Driver's Side: from depressed pedal to the hip point of seat		