

2012 Porsche Panamera Technical Specifications



	Panamera Turbo	Panamera Turbo S
Engine		
Engine Concept	Water-cooled, front-mounted 90-degree V6	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	500 hp at 6000 rpm	550 hp at 6000 rpm
Maximum Torque	516 lb-ft from 2250 to 4500 rpm, 568 lb-ft from 3000 to 4000 rpm with Sport Chrono Package Turbo	553 lb-ft from 2250 to 4500 rpm, 590 lb-ft from 3000 to 4000 rpm with Sport Chrono Package Turbo
Compression ratio	10.5:1	10.5:1
Engine redline	6700	
Output per liter	104.1 hp	114.5 hp
Drivetrain	Active all wheel drive	Active all wheel drive
Transmission		
Manual transmission		
Automatic transmission	PDK	PDK
Ratios		
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	3.15	3.15
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
Chassis		

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Drag Coefficient	0.3	0.3
Front Suspension	Fully independent double-wishbone	Fully independent double-wishbone
Rear Suspension	Fully independent multi-link, standard PASM, adaptive air suspension	Fully independent multi-link, standard PASM, adaptive air suspension, PDCC, and PTV
Steering Ratio	17.11:1 to 13.76:1	17.11:1 to 13.76:1
Turning Circle	39.3	39.3
Brakes	Internally vented discs, 15.35 x 1.50-in. front, 13.78 x 1.1 rear	Internally vented discs, 15.35 x 1.50-in. front, 13.78 x 1.1 rear
Wheels	9 x 19 RO 60 Front 10 x 19 RO 61 Rear	9 x 19 RO 60 Front 10 x 19 RO 61 Rear
Tires	255/45 ZR19 Front 285/40 ZR 19 Rear	255/45 ZR19 Front 285/40 ZR 19 Rear
Dimensions		
Wheelbase	115 in.	115 in.
Overall length	195.7 in.	195.7 in.
Width	83.2 in.	83.2 in.
Front track (in/mm)	65.2 in.	65.2 in.
Rear track (in/mm)	64.8 in.	64.8 in.
Legroom*	41.9 in.	41.9 in.
Headroom	38 in.	38 in.
Height	55.7 in.	55.7 in.
Curb weight w/ manual	N/A	N/A
Curb weight w/ PDK	4343 lbs.	4398 lbs.
Luggage capacity	44.1 cu. ft.	44.1 cu. ft.
Fuel tank capacity	26.4 gal.	26.4 gal.
Payload	1169 lbs.	
Fuel Consumption (mpg)		
City (PDK)	15	15
Highway (PDK)	23	23
Combined (PDK)	18	18
Performance		
0-60	4.0 (3.8)	3.8 (3.6)
Top track speed (PDK)	188 mph	190 mph
* Interior Length: Driver's Side: from depressed pedal to the hip point of seat		