



	2013 Panamera GTS
Engine	
Engine Concept	Water-cooled, front-mounted 90-degree V8
Construction	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
Fuel Injection System	Direct Fuel injection
Lubrication	Integrated dry sump system; 11.9 quarts (11.3 liters) engine oil
Management	Electronic ignition with solid-state distributor (eight coils); secondary air injection
Electrical System	12 V, 2660 W alternator; battery capacity 95 Ah
Fuel	Premium unleaded
Bore	96 mm (3.78 in.)
Stroke	83 mm (3.27 in)
Displacement	4.8 liters
Maximum Horsepower	430 hp at 6,700 rpm
Maximum Torque	384 lb. ft at 3,500 rpm
Compression ratio	12.5:1
Engine redline	6,700 rpm
Output per liter	89.6 hp
Drivetrain	All-wheel drive
Transmission	
Manual transmission	N/A
Automatic transmission	PDK
Ratios	
1st	5.97
2nd	3.31
3rd	2.01
4th	1.37
5th	1
6th	0.81
7th	0.59
Reverse	4.57
Final Drive Ratio	3.9
Clutch diameter	7.95/5.98 in.
Body	Monocoque lightweight body in a combination of steel, aluminum and magnesium



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Chassis	
Drag Coefficient	
Front Suspension	Fully independent double-wishbone
Rear Suspension	Fully independent multi-link, standard PASM
Steering Ratio	17.11:1
Turning Circle	39.3
Brakes	Front Internally vented discs, 15.35 x 1.50-in; Rear four-piston aluminum monobloc fixed calipers with 12.99 x 1.10-inch discs.
Wheels	9 x 19 RO 60 Front 10 x 19 RO 61 Rear
Tires	255/45 ZR 19 Front 285/40 ZR 19 Rear
Dimensions	
Wheelbase	114.9 in.
Overall length	195.6 in.
Width	76 in (83.2 in. with mirrors)
Front track (in/mm)	65.3 in.
Rear track (in/mm)	65.4 in.
Legroom*	41.9 in.
Headroom	38 in.
Height	55.4 in.
Curb weight w/ manual	N/A
Curb weight w/ PDK	4,232 lbs.
Luggage capacity	44.6 cu. ft.
Fuel tank capacity	26.4 gal
Payload	1334
Fuel Consumption (mpg)	
City (manual/PDK)	TBD
Highway (manual/PDK)	TBD
Combined (manual/PDK)	TBD
Performance	
0-60	4.3 sec.
Top track speed (PDK)	178 mph
* Interior Length: Driver's Side: from depressed pedal to the hip point of seat	