

2011 Models

Specifications

	Panamera S	Panamera 4S	Panamera Turbo
Engine Concept	Water-cooled eight-cylinder V-engine		
Construction	Engine block and cylinder heads made of aluminum.		
Valvetrain	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 (DFI)	Twin Turbochargers, 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 Plus		
Bore	3.78" (96 mm)		
Stroke	3.27" (83 mm)		
Displacement	4.8 liters (4806 cc)		
Max. Horsepower	400 hp (294 kW) at 6500 rpm		500 hp (368 kW) at 6000 rpm
Max. torque (lb.ft.)	369 lb-ft (500 Nm) from 3500 to 5000 rpm		516 lb-ft (700 Nm) from 2250 to 4500 rpm, 568 lb-ft from 3000 to 4000 rpm with Sport Chrono Package Turbo
Engine redline	6700 rpm		
Compression ratio	12.5:1		10:05:01
Output per liter	83.2 hp (61.2 kW)		104.1 hp (76.6 kW)
Drivetrain	Rear Wheel Drive	All Wheel Drive	
Power Unit	Two three-way catalytic converters on each row of cylinders, each with two oxygen sensors; engine and transmission bolted together to form one drive unit: dual drive shafts driving rear wheels	Two three-way catalytic converters on each row of cylinders, each with two oxygen sensors; engine and transmission bolted together to form one drive unit; active all-wheel drive with electronically controlled power distribution.	
Gearbox	Seven-speed Porsche Doppelkupplungsgetriebe (PDK) double-clutch gearbox.		
Gear Ratios			
1	5.97		
2	3.31		
3	2.01		
4	1.37		
5	1.00		
6	0.81		
7	0.59		
R	4.57		
Final Drive	3.55		3.15
Clutch Diameter	6.02" (153 mm) /7.95" (202 mm)		6.45" (164 mm) /8.66" (220 mm)
Body	Monocoque lightweight body in a combination of steel, aluminum and magnesium; dual advanced front airbags; side and knee airbags for driver and front passenger; head airbags for all four occupants; rear side airbags; active front lid for pedestrian safety; four seats.		
Drag Coefficient	0.29		0.3
Turning Circle	39.3' (11.9 meters)		
Front Suspension	Independent suspension on aluminum double-wishbone axle; steel suspension; PASM (Porsche Active Suspension Management) electronically controlled damper system with three manually activated control maps.	Independent suspension on aluminum double-track control arms and tiebars; air springs; two-sleeve gas-pressure dampers with PASM (Porsche Active Suspension Management).	
Rear Suspension	Aluminum multi-link axle on subframe; steel suspension; PASM (Porsche Active Suspension Management) electronically controlled damper system with three manually activated control maps.	Multi-arm axle on subframe; air springs; twin-sleeve gas-pressure dampers with PASM (Porsche Active Suspension Management).	
Brakes	Twin-circuit brake system with front/rear axle split; Porsche Stability Management (PSM); vacuum brake servo; Brake Assistant, ABS.		
Front	Six-piston aluminum monobloc brake calipers, grooved and inner-vented brake discs		
Rear	Four-piston aluminum monobloc brake calipers, grooved and inner-vented brake discs.		
Front Brake Discs	14.17" (360 mm) x 1.42" (36 mm)		15.35" (390 mm) x 1.50" (38 mm)

Rear Brake Discs	12.99" (330 mm) x 1.10" (28 mm)		13.78" (350 mm) x 1.10" (28 mm)
Wheels and Tires			
Front	8 J x 18 with 245/50 ZR18		9J x 19 on 255/45 ZR19
Rear	9 J x 18 with 275/45 ZR 18		10J x 19 on 285/40 ZR19
Exterior Dimensions			
Front Track	65.3" (1658 mm)		65.2" (1656 mm)
Rear Track	65.4" (1662 mm)		64.8" (1646 mm)
Wheelbase	114.9" (2920 mm)		
Length	195.6" (4970 mm)		
Width	76.0" (1931 mm)		
Width (with mirrors)	83.2" (2113 mm)		
Height	55.8" (1418 mm)		
Ground Clearance	5.66"		4.68" Low, 5.66" Normal, 6.44" High
Fuel Tank Capacity	26.4 gal (100 liters)		
Curb Weight	3968 lbs/1800 kg	4101 lbs/1860 kg	4343 lbs/1970 kg
Maximum Load	1334 lbs/605 kg	1278 lbs/580 kg	1169 lbs/530 kg
Turning Radius	39.3' (11.9 meters)		
Turning Ratio	13.76:1 to 17.11:1		
Interior Dimensions			
Headroom, F/R	38" (965 mm)/38.2" (970 mm)		
Legroom, F/R	41.9" (1063 mm)/33.3" (845 mm)		
Shoulder Room, F/R	51.9" (1317 mm)/51.7" (1313 mm)		
Rear Seat Up	15.7 cu ft (445 liters)		
Rear Seat Down	44.6 cu ft (1263 liters)		
Acceleration			
0-60 mph	5.2 sec.	4.8 sec.	4.0 sec.
0-99 mph	11.7 sec.	11.5 sec.	9.0 sec.
0-60 mph with Sports Chrono Package Plus	5.0 sec.	4.6 sec.	NA
0-99 mph with Sports Chrono Package Plus	11.5 sec.	11.3 sec.	NA
0-60 mph with Sports Chrono Package Turbo	NA	NA	3.8 sec.
0-99 mph with Sports Chrono Package Turbo	NA	NA	8.8 sec.
Top Track Speed	175 mph (283 km/h)		188 mph (303 km/h)
EPA Fuel Economy	16 city/24 highway/19 combined		15 city/23 highway/18 combined
Gas Guzzler Tax	No	No	No