

	Panamera S	Panamera 4S	Panamera Turbo
Engine Concept	Water-cooled eight-cylinder V-engine	Water-cooled eight-cylinder V-engine	Water-cooled eight-cylinder V-engine
Construction	Engine block and cylinder heads made of aluminum	Engine block and cylinder heads made of aluminum	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.	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	Direct Fuel Injection
Lubrication			
Management	Electronic ignition with solid-state distributor (eight coils); secondary air injection.	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	12 V, 2660 W alternator; battery capacity 95 Ah
Fuel	Premium Plus	Premium Plus	Premium Plus
Bore	3.78 in. (96.0 mm)	3.78 in. (96.0 mm)	3.78 in. (96.0 mm)
Stroke	3.27 in. (83.0 mm)	3.27 in. (83.0 mm)	3.27 in. (83.0 mm)
Displacement	4.8l (4806 cc)	4.8l (4806 cc)	4.8l (4806 cc)
Max. Horsepower	400hp (294kW) at 6500 rpm	400hp (294kW) at 6500 rpm	500 hp (368 kW) at 6000 rpm
Max. torque (lb.ft.)	369 lb-ft (500 Nm) from 3500 to 5000 rpm	369 lb-ft (500 Nm) from 3500 to 5000 rpm	516 lb-ft (700 Nm) from 2250 to 4500 rpm
Engine redline	6700 rpm	6700 rpm	6700 rpm
Compression ratio	12.5:1	12.5:1	10.5:1
Output per liter	83.3 hp (61.3kW)	83.3 hp (61.3kW)	104.1 hp (76.6 kW)

Drivetrain	all-wheel drive	all-wheel drive	all-wheel drive
Power unit	Two three-way catalytic converters on each row of cylinders, each with two oxygen sensors; 11.3 liters (11.9 quarts) engine oil; 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; 11.3 liters (11.9 quarts) engine oil; 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; 11.3 liters (11.9 quarts) engine oil; engine and transmission bolted together to form one drive unit; dual drive shafts driving rear wheels.
Gearbox	Seven-speed Porsche Doppelkupplungsgetriebe (PDK) double-clutch gearbox.	Seven-speed Porsche Doppelkupplungsgetriebe (PDK) double-clutch gearbox.	Seven-speed Porsche Doppelkupplungsgetriebe (PDK) double-clutch gearbox.
Gear Ratios			
1	5.97	5.97	5.97
2	3.31	3.31	3.31
3	2.01	2.01	2.01
4	1.37	1.37	1.37
5	1.00	1.00	1.00
6	0.81	0.81	0.81
7	0.59	0.59	0.59
R	4.57	4.57	4.57
Final Drive	3.55	3.55	3.15
Rear Axle			
Front Axle			
Clutch Diameter	6.02in. (153 mm) /7.95in. (202 mm)	6.02in. (153 mm) /7.95in. (202 mm)	6.45 in. (164 mm) /8.66 in. (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;	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	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

	active front lid for pedestrian safety		
Drag Coefficient	0.29	0.29	0.30
Front Suspension	Independent suspension on aluminum double-track control arms and tiebars; conical stump springs; two-sleeve gas-pressure dampers with PASM (Porsche Active Suspension Management)	Independent suspension on aluminum double-track control arms and tiebars; conical stump springs; two-sleeve gas-pressure dampers with PASM (Porsche Active Suspension Management)	Independent suspension on aluminum double-track control arms and tiebars; conical stump springs; two-sleeve gas-pressure dampers with PASM (Porsche Active Suspension Management)
Rear Suspension	Multi-arm axle on subframe; coil springs; twin-sleeve gas-pressure dampers with PASM (Porsche Active Suspension Management).	Multi-arm axle on subframe; coil springs; twin-sleeve gas-pressure dampers with PASM (Porsche Active Suspension Management).	Multi-arm axle on subframe; coil 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.	Twin-circuit brake system with front/rear axle split; Porsche Stability Management (PSM); vacuum brake servo; Brake Assistant.	Twin-circuit brake system with front/rear axle split; Porsche Stability Management (PSM); vacuum brake servo; Brake Assistant.
Front	Six-piston aluminum monobloc brake calipers, cross-drilled and inner-vented brake discs	Six-piston aluminum monobloc brake calipers, cross-drilled and inner-vented brake discs	Six-piston aluminum monobloc brake calipers, cross-drilled and inner-vented brake discs
Rear	Four-piston aluminum monobloc brake calipers, cross-drilled and inner-vented brake discs	Four-piston aluminum monobloc brake calipers, cross-drilled and inner-vented brake discs	Four-piston aluminum monobloc brake calipers, cross-drilled and inner-vented brake discs
Front Brake Discs	14.17" (360 mm) X 1.42" (36 mm)	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)	12.99" (330 mm) X 1.10" (28 mm)	13.78" (350 mm) X 1.10" (28 mm)

Wheels and Tires			
Front	8J x 18 on 245/50 ZR18	8J x 18 on 245/50 ZR18	9J x 19 on 255/45 ZR19
Rear	9J x 18 on 275/45 ZR18	9J x 18 on 275/45 ZR18	10J x 19 on 285/40 ZR19
Dimensions			
Front Track	65.3" (1658 mm)	65.3" (1658 mm)	65.2" (1656 mm)
Rear Track	65.4" (1662 mm)	65.4" (1662 mm)	64.8" (1646 mm)
Wheelbase	115.0" (2920 mm)	115.0" (2920 mm)	115.0" (2920 mm)
Length	195.6" (1931 mm)	195.6" (1931 mm)	195.6" (1931 mm)
Width	76.0" (1931 mm)	76.0" (1931 mm)	76.0" (1931 mm)
Height	55.8" (1418 mm)	55.8" (1418 mm)	55.8" (1418 mm)
Cargo Capacity -- Rear Seats Up	15.7 cu ft (445 liters)	15.7 cu ft (445 liters)	15.2 cu ft (432 liters)
Cargo Capacity -- Rear Seats Down	44.6 cu ft (1263 liters)	44.6 cu ft (1263 liters)	44.1 cu ft (1250 liters)
Fuel Tank Capacity	21.1 gal (80 liters)	26.4 gal (100 liters)	26.4 gal (100 liters)
Curb Weight			
[lbs. / kg]	3968 lbs/1800 kg.	4101 lbs/1860 kg.	4343 lbs/1970 kg.
Fuel economy city/hwy [mpg]			
Top Track Speed	175mph (283km/h)	175mph (283km/h)	188mph (303km/h)
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.