



PORSCHE

Technical Specifications	911 Turbo	911 Turbo S
Engine		
Engine Concept	6-cylinder boxer engine, water-cooled, twin-turbocharged with variable turbine geometry	6-cylinder boxer engine, water-cooled, twin-turbocharged with variable turbine geometry
Construction	Aluminum engine block and cylinder heads	Aluminum engine block and cylinder heads
Valvetrain	VarioCam Plus valve control (variable timing and lift)	VarioCam Plus valve control (variable timing and lift)
Fueling	Direct Fuel Injection, 140 bar	Direct Fuel Injection, 140 bar
Lubrication	Integral Dry-sump lubrication with seven oil pumps	Integral Dry-sump lubrication with seven oil pumps
Management	Electronic engine management (Motronic ME7.8.1)	Electronic engine management (Motronic ME7.8.1)
Electrical System	12 volt, 2100 watt alternator, 95 Ah battery	12 volt, 2100 watt alternator, 95 Ah battery
Fuel	Premium unleaded	Premium unleaded
Bore	4.02 in	4.02 in
Stroke	3.05 in	3.05 in
Displacement	3.8 liter	3.8 liter
Maximum Horsepower	520 hp @ 6,000 rpm	560 hp @ 6,500 rpm
Maximum Torque	487 lb.-ft. 1950- 5000 rpm	516 lb.-ft. @ 2,100 rpm
Compression ratio	9.8:1	9.8:1
Engine redline	7,000 rpm	7,200 rpm
Output per liter	137 hp/l	147.4 hp/l
Drivetrain	All-wheel-drive, with electronically controlled, hydraulically actuated multi-plate center differential, locking rear differential, Porsche Traction Management (PTM).	All-wheel-drive, with electronically controlled, hydraulically actuated multi-plate center differential, locking rear differential, Porsche Traction Management (PTM).
Power unit	Engine and transmission bolted into single drive unit	Engine and transmission bolted into single drive unit
Transmission		
Automated dual-clutch transmission	7-speed, double-clutch (PDK)	7-speed, double-clutch (PDK)
Ratios		
1st	3.909	3.909
2nd	2.286	2.286
3rd	1.577	1.577
4th	1.182	1.182
5th	0.94	0.94
6th	0.786	0.786
7th	0.622	0.622
Reverse	3.545	3.545
Final Drive Ratio	3.44:1 (3.44:1)	3.44:1 (3.44:1)
Clutch diameter	8.66 in./6.44 in	8.66 in./6.44 in
Body	2+2-seat, coupe, aluminum and steel composite unibody, aluminum doors and hood. Driver and passenger front, side and head airbags.	
Chassis		
Drag Coefficient	0.31	0.31
Front Suspension	McPherson strut and control arm, coil spring, electronically adjustable damping (PASM: Normal and Sport mode, with hydraulic bypass valve to control damping force)	MacPherson strut, coil spring, electronically adjustable damping (PASM: Normal and Sport mode, with hydraulic bypass valve to control damping force)
Rear Suspension	5-link, coil spring, electronically adjustable damping (PASM: Normal and Sport mode, with hydraulic bypass valve to control damping force)	5-link, coil spring, electronically adjustable damping (PASM: Normal and Sport mode, with hydraulic bypass valve to control damping force)
Steering Ratio	Variable 12.25:1 - 15.02:1	Variable 12.25:1 - 15.02:1
Turning Circle	34.8 ft.	34.8 ft.
Brakes	6-piston aluminium monobloc callipers, 14.96-in. vented and drilled rotors (front), 4-piston aluminium monobloc callipers, 14.96-in. vented and drilled rotors (rear) (PCCB: 16.14-in f, 15.35-in r)	6-piston aluminium monobloc callipers, 14.96-in. vented and drilled rotors (front), 4-piston aluminium monobloc callipers, 14.96-in. vented and drilled rotors (rear) (PCCB: 16.14-in f, 15.35-in r)
Wheels (20" Turbo Wheels)	8.5Jx20 front, 11Jx20 rear	9.0Jx20 front, 11.5Jx20 rear
Tires	245/35 ZR 20 front, 305/30 ZR 20 rear	245/35 ZR 20 front, 305/30 ZR 20 rear



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Dimensions		
Wheelbase	96.5 in.	96.5 in.
Overall length	177.4 in.	177.4 in.
Width excl. mirrors	74 in.	74 in.
Width incl. mirrors	77.9 in.	77.9 in.
Front track 20"	60.7 in.	60.6 in.
Rear track 20"	62.6 in.	62.6 in.
Legroom*	TBD	TBD
Headroom	TBD	TBD
Height	51 in.	51 in.
Curb weight	3,516 lbs.	3,538 lbs.
Luggage capacity	115 l	115 l
Fuel tank capacity	16.9 gal.	16.9 gal.
Fuel Consumption (mpg)		
City	17	17
Highway	24	24
Combined	20	20
Performance		
0-60	3.2 s	2.9 s
Top track speed	196 mph	198 mph

* Interior Length: Driver's Side: from depressed clutch pedal to the hip point of seat