



PORSCHE

2021 911 Turbo S

2021 911 Turbo S Cabriolet

2021 Porsche Models

Technical Data

Engine

Engine layout	Rear Engine	Rear Engine
Engine type	Boxer, twin-turbo	Boxer, twin-turbo
Cylinders	6	6
Valves per cylinder	4	4
Construction	Aluminum crankcase and heads	Aluminum crankcase and heads
Fuel injection	Direct Fuel Injection (DFI)	Direct Fuel Injection (DFI)
Fuel	Premium	Premium
Displacement (Liters)	3.745 l	3.745 l
Bore/Stroke (mm/mm)	102.0 mm / 76.4 mm	102.0 mm / 76.4 mm
Maximum power output @ engine speed	640 hp @ 6,750	640 hp @ 6,750
Maximum torque @ engine speed	590 lb.-ft. @ 2,500-4,000	590 lb.-ft. @ 2,500-4,000
Maximum engine speed	7,200	7,200
Compression ratio (tolerance +/- 0.3)	8.7 : 1	8.7 : 1
Output per liter	168.4 hp	168.4 hp
Lubrication	Integrated dry-sump	Integrated dry-sump
Power to weight ratio (lb/hp)	5.7	6.0
Drivetrain	Active all-wheel drive	Active all-wheel drive

Chassis & Suspension

Body	Monocoque lightweight body in a combination of steel, aluminum, and magnesium	Monocoque lightweight body in a combination of steel, aluminum, and magnesium
Front Axle	MacPherson strut with anti-roll bar	MacPherson strut with anti-roll bar
Rear Axle	Aluminum multi-link with anti-roll bar	Aluminum multi-link with anti-roll bar
Steering System	Variable ratio electromec. power steering	Variable ratio electromec. power steering
Steering Ratio	14.1 : 1 (on-center) to 12.5 : 1	14.1 : 1 (on-center) to 12.5 : 1
Turning Circle	35.8 ft	35.8 ft

Brakes & Wheels

Caliper type	Aluminum monobloc fixed-caliper brake	Aluminum monobloc fixed-caliper brake
Rotor material	Carbon-ceramic composite	Carbon-ceramic composite
Caliper color	Yellow	Yellow
Number of pistons (front/rear)	10 / 4	10 / 4
Rotor diameter (front/rear) mm	420 mm / 390 mm	420 mm / 390 mm
Rotor thickness (front/rear) mm	40 mm / 32 mm	40 mm / 32 mm
Standard wheels	20" / 21" Turbo S	20" / 21" Turbo S
Wheels (front/rear)	9J x 20" / 11.5J x 21"	9J x 20" / 11.5J x 21"
Tires (front/rear)	255/35 ZR 20 / 315/30 ZR 21	255/35 ZR 20 / 315/30 ZR 21

Transmission

Number of gears	8	8
Transmission type	8-speed dual-clutch PDK	8-speed dual-clutch PDK
Ratios		
1st	4.89	4.89
2nd	3.17	3.17
3rd	2.15	2.15
4th	1.56	1.56
5th	1.18	1.18
6th	0.94	0.94
7th	0.76	0.76
8th	0.61	0.61
Reverse	3.99	3.99
Final drive ratio front axle	3.33	3.33
Rear Axle Ratio	3.02	3.02
Clutch 1/Clutch 2 diameter (inches)	8.7 / 6.6 inches (PDK)	8.7 / 6.6 inches (PDK)

Dimensions, Aerodynamics, & Weight

Length (inches/mm)	178.6 in. / 4535 mm	178.6 in. / 4535 mm
Wheelbase (inches/mm)	96.5 in. / 2450 mm	96.5 in. / 2450 mm
Width w/ mirrors (inches/mm)	79.7 in. / 2024 mm	79.7 in. / 2024 mm
Width w/o mirrors (inches/mm)	74.9 in. / 1900 mm	74.9 in. / 1900 mm
Height with standard PASM suspension (inches/mm)	51.3 in. / 1303 mm	51.3 in. / 1301 mm
Height with optional PASM Sport Suspension (inches/mm)	50.9 in. / 1293 mm	50.8 in. / 1290 mm
Track width front (inches/mm)	62.4 in. / 1583 mm	62.4 in. / 1583 mm
Track width rear (inches/mm)	63.0 in. / 1600 mm	63.0 in. / 1600 mm
Cargo area volume (cu.-ft.) front trunk	128 l / 4.5 cu.-ft.	128 l / 4.5 cu.-ft.
Cargo area volume (cu.-ft.) rear seats	264 l / 9.3 cu.-ft.	163 l / 5.75 cu.-ft.
Fuel tank capacity - refill volume (gal)	17.6 gal.	17.6 gal.
Curb weight (lbs)	3636 lbs.	3790 lbs.
Gross Vehicle Weight (lbs)	4453 lbs.	4586 lbs.
Payload range (lbs)	817 lbs.	795 lbs.

Performance

Top track speed PDK (mph)	205 mph	205 mph
Acceleration 0-60 PDK (sec)	2.6 sec.	2.7 sec.
Quarter mile time PDK (sec)	10.5 sec.	10.6 sec.

Fuel Economy/Rating

Rating	-	-
City	available closer to U.S. market launch	available closer to U.S. market launch
Highway	available closer to U.S. market launch	available closer to U.S. market launch
Combined	available closer to U.S. market launch	available closer to U.S. market launch