

# 911 S/T

## Fuel and emissions

Fuel consumption combined (WLTP)	13.8 l/100 km
CO <sub>2</sub> emissions combined (WLTP)	313 g/km
Emissions standard	EU6 EA
Fuel type	Super Plus (98 RON)
Fuel tank capacity (optional)	64 l (90 l)

## Engine

Type	Six-cylinder naturally aspirated boxer engine with gasoline particulate filter
Number of cylinders	6
Valves per cylinder	4
Displacement	3,996 cm <sup>3</sup>
Bore	102.0 mm
Stroke	81.5 mm
Maximum power	386 kW (525 PS)
at engine speed	8,500 1/min
Maximum torque	465 Nm
at engine speed	6,300 1/min
Specific output	96 kW/l (131 PS/l)
Compression ratio	13.3:1
Maximum engine speed	9,000 1/min
Cooling system	Water cooling with mechanical thermostat
Valve control	VarioCam camshaft control for intake and exhaust valves, DLC-coated rocker arms, fixed valve train
Intake system	Variable plastic intake manifold with two switchable tuning flaps and six individual throttle valves
Oil supply	Dry-sump lubrication with a separate engine oil tank and fully variable oil pressure pump, seven suction stages, oil centrifuge and additional oil supply via the crankshaft, fine oil separator

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## Power transmission

Drive system	Rear-wheel drive
Gearbox	Six-speed GT manual sports transmission; lightweight clutch with single-mass flywheel; Porsche Torque Vectoring (PTV) with mechanical rear differential lock with asymmetric limited-slip action
Gear ratios	
1 <sup>st</sup> gear	3.75
2 <sup>nd</sup> gear	2.38
3 <sup>rd</sup> gear	1.72
4 <sup>th</sup> gear	1.34
5 <sup>th</sup> gear	1.08
6 <sup>th</sup> gear	0.88
Reverse gear	3.42
Rear-axle gear ratio	4.30

## Chassis

Suspension and damping	Adjustable sports suspension, Porsche Active Suspension Management (PASM) with sports tuning and 20 mm lowering
Front axle	Double-wishbone front axle, anti-roll bar, all suspension mounts with spherical joints, integrated helper springs
Rear axle	Multi-link rear axle, CFRP anti-roll bar, some suspension mounts with spherical joints, integrated helper springs
Steering	Electromechanical power steering Plus with variable steering ratio and speed-sensitive power steering assistance
Steering ratio	15.0:1 (centre position)
Steering wheel diameter	360 mm
Turning circle diameter	10.4 m
Vehicle stability system	Porsche Stability Management (PSM) including ABS, can be switched off in two stages (ESC OFF and ESC+TC OFF)

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## Brakes

Brake system	Porsche Ceramic Composite Brake (PCCB); dual-circuit braking system split by axle; electromechanical power brake; Brake Assist; electrically operated duo-servo parking brake
Front brakes	Six-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake bells
Diameter	410 mm
Thickness	36 mm
Rear brakes	Four-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake bells
Diameter	390 mm
Thickness	32 mm

## Wheels and tyres

Front wheels and tyres	9.5 J x 20 ET 46 sports tyres 255/35 ZR 20 97Y XL
Rear wheels and tyres	12.0 J x 21 ET 45 with sports tyres 315/30 ZR 21 105Y XL

## Dimensions

Length	4,573 mm
Width (including exterior mirrors)	1,852 mm (2,027 mm)
Height	1,279 mm
Wheelbase	2,457 mm
Front track width	1,601 mm
Rear track width	1,553 mm

## Luggage compartment volume and weights

Front luggage compartment volume	132 l
Unladen weight (DIN)	1,380 kg
Permissible gross weight	1,695 kg
Weight-to-power ratio	3.6 kg/kW (2.6 kg/PS)

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## Performance

Top speed	300 km/h
Acceleration	
0 – 60 mph	3.5 s
0 – 100 km/h	3.7 s
0 – 160 km/h	7.5 s
0 – 200 km/h	11.2 s

## Aerodynamics

Drag coefficient ( $c_d$ )	0.35
Cross-sectional area A	2.05 m <sup>2</sup>
$c_d \times A$	0.72 m <sup>2</sup>