

Specifications Porsche 911 Turbo S Cabriolet*

Body: Two-plus-two seat convertible; lightweight body in aluminum-steel construction with doors, boot and hood lids made of aluminum; fully automatic panel bow top; two-stage driver and front passenger airbags; side and head airbags for driver and front passenger.

Aerodynamics:

Drag coefficient c_d :	0.32
Frontal area A:	2.07 m ²
$c_d \times A$:	0.66

Engine: Water-cooled flat-six engine; aluminum engine block and cylinder heads; four overhead camshafts; four valves per cylinder; variable inlet valve timing and lift (VarioCam Plus); hydraulic valve clearance adjustment; gasoline direct injection; one three-way catalytic converter per cylinder bank, each with two oxygen sensors; bi-turbo charging with Variable Turbine Geometry (VTG); engine oil 10.4 liters; electronic ignition with solid-state ignition distribution (six active ignition modules); thermal management for coolant circulation; auto start/stop function.

Bore	102.0 mm
Stroke	77.5 mm
Displacement	3,800 cc
Compression ratio	9.8:1
Engine power	427 kW (580 hp) at 6,750 rpm
Max. torque	750 Nm at 2,250 – 4,000 rpm
Power output per liter	112.4 kW/l (152.6 hp/l)
Max. engine speed	7,200 rpm
Fuel type	super plus

Electrical system: 12 Volt; alternator 2,100 W; battery 95 Ah; electrical system recuperation.

* Specifications may vary according to markets

Status: January 2016

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Power transmission: Engine and transmission bolted to form one drive unit; active all-wheel drive with electro-hydraulically actuated, map-controlled multi-plate clutch (PTM); seven-speed dual clutch transmission (PDK) with controlled rear locking differential and Porsche Torque Vectoring Plus (PTV+).

1 st gear	3.91
2 nd gear	2.29
3 rd gear	1.58
4 th gear	1.18
5 th gear	0.94
6 th gear	0.79
7 th gear	0.62
Reverse gear	3.55
Final drive ratio, rear axle	3.44
Final drive ratio, front axle	3.33
Clutch diameter	220/163.5 mm

Chassis: Front axle: strut suspension (MacPherson type, Porsche optimized) with wheels independently suspended by transverse links, longitudinal links and struts; cylindrical coil springs with internal dampers; electromechanical power steering; optional front axle lift system.

Rear axle: multi-link suspension with wheels independently suspended on five links; cylindrical coil springs with coaxial internal dampers; active rear-wheel steering.

Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selectable damping programs; roll stabilization Porsche Dynamic Chassis Control (PDCC).

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Brakes: Porsche Ceramic Composite Brake (PCCB); dual-circuit brake system with separate circuits for front and rear axles; Porsche Stability Management (PSM); vacuum brake booster; brake assistant; electric duo-servo parking brake; auto-hold function; automatic post-collision braking system.

Front axle: six-piston alum. monobloc brake calipers, perforated and internally ventilated ceramic brake rotors with 410 mm diameter and 36 mm thickness.

Rear axle: four-piston alum. monobloc brake calipers, perforated and internally ventilated ceramic brake rotors with 390 mm diameter and 32 mm thickness.

Wheels and tires:	Front	9 J x 20	with	245/35 ZR 20
	Rear	11.5 J x 20	with	305/30 ZR 20

Weights:	Unladen weight DIN	1,670 kg
	Permissible gross weight	2,045 kg

Dimensions:	Length	4,507 mm
	Width	1,880 mm
	Width with door mirrors	1,978 mm
	Height	1,294 mm
	Wheelbase	2,450 mm

Track widths	front	1,541 mm
	rear	1,590 mm

Luggage comp. capacity	front	115 l
	rear	160 l

Fuel tank capacity	68 l
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Performance figures:	Top speed	330 km/h 205 mph
	Acceleration	
	0 – 60 mph	2.9 s
	0 – 100 km/h	3.0 s
	0 – 200 km/h	10.4 s
	1/4 mile (400 m)	11.0 s
Fuel consumption: (NEDC)	Combined	9.3 l/100 km
	Urban	12.1 l/100 km
	Extra-urban	7.6 l/100 km
CO₂ emissions:	Combined	216 g/km
Emissions class:		Euro 6