

Specifications Porsche 911 Turbo*

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

Aerodynamics:

Drag coefficient c_d :	0.31
Frontal area A:	2.07 m ²
$c_d \times A$:	0.64

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	397 kW (540 hp) at 6,400 rpm
Max. torque	710 Nm at 2,250 – 4,000 rpm
Power output per liter	104.5 kW/l (142.1 hp/l)
Max. engine speed	7,000 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.

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Brakes:

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 aluminum monobloc brake calipers, perforated and internally ventilated brake rotors with 380 mm diameter and 34 mm thickness.

Rear axle: four-piston aluminum monobloc brake calipers, perforated and internally ventilated brake rotors with 380 mm diameter and 30 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	1,595 kg
Permissible gross weight	2,010 kg

Dimensions:

Length	4,507 mm
Width	1,880 mm
Width with door mirrors	1,978 mm
Height	1,297 mm
Wheelbase	2,450 mm

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

Luggage comp. capacity	front	115 l
	rear	260 l

Fuel tank capacity	68 l
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Performance figures:	Top speed	320 km/h 199 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	9.1 l/100 km
	Urban	11.8 l/100 km
	Extra-urban	7.5 l/100 km
CO₂ emissions:	Combined	212 g/km
Emissions class:		Euro 6