

Macan GTS

Engine

Type	V6 biturbo with gasoline particulate filter (GPF)
No. of cylinders	6
Valves/cylinder	4
Displacement	2,894 cc
Bore	84.5 mm
Stroke	86.0 mm
Max. power output	324 kW (440 PS)
at engine speed	5,700–6,600 rpm
Max. torque	550 Nm
at engine speed	1,900–5,600 rpm
Max. power output per litre	111 kW/l (151 PS/l)
Compression ratio	10.5:1
Max. engine speed	6,800 rpm
Cooling system	Water cooling, thermal management with control thermostat and shrouded water pump
Valve control	VarioCam Plus: continuous camshaft adjustment (intake and exhaust sides) and valve lift switchover on the intake side

Power transmission

Drive system	Porsche Traction Management (PTM): active all-wheel drive with electronically regulated, map-controlled multi-plate clutch, variable torque distribution between front and rear axle	
Transmission	7-speed dual-clutch transmission (PDK)	
Gear ratio		
	1 st gear	3.69
	2 nd gear	2.15
	3 rd gear	1.41
	4 th gear	1.03
	5 th gear	0.79
	6 th gear	0.63
	7 th gear	0.52
	Reverse gear	2.94
	Rear axle ratio	4.67

Macan GTS

Chassis

Suspension and damping	Sports air suspension with lowering by 10 mm and Porsche Active Suspension Management (PASM): electronically controlled damping system with three manually controlled maps; height adjustment
Front axle	Independent suspension with five-link aluminium front axle with separated wishbones at top and bottom
Rear axle	Independent suspension with aluminium trapezoidal link at the bottom, aluminium link at the top and tie rod
Steering	Electromechanical power steering
Steering ratio	14.3:1 (centre position)
Steering wheel diameter	375 mm
Turning circle diameter	11.96 m
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, EDTC and Trailer Stability Management

Brakes

Braking system	Six-piston aluminium monobloc fixed-calliper brakes at the front, combination floating-calliper brakes at the rear; electric parking brake; multi-collision brake
Brake discs, front axle	Porsche Surface Coated Brake (PSCB): Grey cast iron composite discs with tungsten-carbide coating and aluminium calipers, internally vented
Diameter	390 mm
Thickness	38 mm
Brake discs, rear axle	Porsche Surface Coated Brake (PSCB): Grey cast iron discs with tungsten-carbide coating, internally vented
Diameter	356 mm
Thickness	28 mm

Wheels and tyres

Wheels and tyres, front	9.5J x 21 ET 27 with 265/40 R 21 tyres
Wheels and tyres, rear	10J x 21 ET 19 with 295/35 R 21 tyres

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Dimensions

Length	4,726 mm
Width (with exterior mirrors)	1,927 mm (2,097 mm)
Height	1,596 mm
Wheelbase	2,807 mm
Track width, front	1,648 mm
Track width, rear	1,659 mm

Luggage compartment volume and weights

Luggage compartment volume	458–1,503 l
Unladen weight (DIN)	1,960 kg
Permissible gross weight	2,580 kg
Max. towing capacity (br./unbr.)	2,400/750 kg
Drawbar load	96 kg
Roof load (with Porsche roof transport system)	75 kg

Performance

Top speed	272 km/h
Acceleration	
0–60 mph	4.3 s
0–60 mph with Sport Plus	4.1 s
0–100 km/h	4.5 s
0–100 km/h with Sport Plus	4.3 s
0–160 km/h	10.5 s
0–160 km/h with Sport Plus	10.3 s
0–200 km/h	17.1 s
0–200 km/h with Sport Plus	16.9 s

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Fuel and emissions

Emissions standard	Euro 6d-ISC-FCM (EU6 AP)	
Fuel type	Super Plus (98 RON)	
Consumption (NEDC)		
	Urban	12.3 l/100 km
	Extra-urban	8.4 l/100 km
	Combined	9.9 l/100 km
CO ₂ emissions (NEDC)		
	Combined	225 g/km
Fuel consumption (WLTP)		
	Combined	11.7 – 11.3 l/100 km
CO ₂ emissions (WLTP)		
	Combined	265–255 g/km
Efficiency class Germany	E	
Fuel tank capacity	75 l	

Aerodynamics

Drag coefficient C _d	0.35	
Frontal area A	2.63 m ²	
C _d x A	0.921 m ²	