

Specifications

	911 R
Engine	
Type	Flat engine
No. of cylinders	6
Valves/cylinder	4
Displacement	3,996 cm ³
Bore	102.0 mm
Stroke	81.5 mm
Max. power output	368 kW (500 hp)
at engine speed	8,250 rpm
Max. torque	460 Nm
at engine speed	6,250 rpm
Max. output per litre	92.1 kW/l (125 hp/l)
Compression ratio	13.2:1
Maximum engine speed	8,500 rpm
Cooling system	Water cooling with thermal management
Valve control	Variable valve timing (VarioCam)
Oil supply	Dry sump lubrication with separate oil reservoir and demand-controlled oil pump
Exhaust system	Dual-branch exhaust system with two central titanium tailpipes
Emission control system	Two three-way catalytic converters and on-board diagnostics for monitoring the emission control system
Fuel management	Direct petrol injection (Direct Fuel Injection – DFI)
Drive system	Rear-engine, rear wheel drive

Specifications may vary in individual markets

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Power transmission	
Transmission	Six-speed manual transmission with single-disc clutch
Clutch diameter	228 mm
Gear ratios	
1 st gear	3.75
2 nd gear	2.38
3 rd gear	1.72
4 th gear	1.34
5 th gear	1.08
6 th gear	0.88
Reverse gear	3.42
Rear axle	3.09
Rear differential lock	Porsche Torque Vectoring (PTV) with mechanical rear differential lock
Chassis	
Front axle	Lightweight spring-strut suspension (McPherson type)
Rear axle	Lightweight multi-link suspension
Steering	Electromechanical power steering with variable steering ratio; rear axle steering
Steering ratio	17.5:1
Steering wheel diameter	360 mm
Turning circle diameter	11.1 m
Driving stability system	Porsche Stability Management (PSM) incl. ABS that can be deactivated in two stages

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Brakes	
Brake system	Six-piston aluminium monobloc fixed calliper brakes, front; four-piston aluminium monobloc fixed calliper brakes, rear; yellow brake callipers
Brake discs, front axle	Porsche Ceramic Composite Brakes (PCCB), internally vented and perforated
Diameter	410 mm
Thickness	36 mm
Brake discs, rear axle	Porsche Ceramic Composite Brakes (PCCB), internally vented and perforated
Diameter	390 mm
Thickness	32 mm
Wheels and tyres	
Wheels with tyres, front	9 J x 20 ET 55 with 245/35 ZR 20 tyres
Wheels with tyres, rear	12 J x 20 ET 47 with 305/30 ZR 20 tyres
Dimensions	
Length	4,532 mm
Width (with door mirrors)	1,852 mm (1,978 mm)
Height	1,276 mm
Wheelbase	2,475 mm
Track width, front	1,551 mm
Track width, rear	1,555 mm
Luggage volume and weights	
Luggage volume	125 l
Unladen weight per DIN	1,370 kg
Allowable gross weight	1,660 kg
Weight-to-power ratio	3.7 kg/kW (2.7 kg/hp)

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Driving performance		
Top speed		323 km/h (201 mph)
Acceleration		
	0-60 mph	3.7 s
	0-100 km/h	3.8 s
	0-160 km/h	7.7 s
	0-200 km/h	11.6 s
Fuel and emissions		
Emissions standard		EURO 6
Fuel type		Super Plus (98 RON)
Fuel consumption		
	Urban	20.1 l/100 km
	Extra-urban	9.3 l/100 km
	Combined	13.3 l/100 km
CO₂ emissions		
	Combined	308 g/km
Efficiency class in Germany		G
Fuel tank capacity		64 l
Aerodynamics		
Drag coefficient c_d		0.32
Frontal area A		2.03 m ²
$c_d \times A$		0.65