

911 Dakar

Engine

Type	Six-cylinder biturbo boxer engine; gasoline particulate filter (GPF)
Number of cylinders	6
Valves per cylinder	4
Displacement	2,981 cm ³
Bore	91.0 mm
Stroke	76.4 mm
Maximum power output	353 kW (480 PS)
at engine speed	6,500 1/min
Maximum torque	570 Nm
at engine speed	2,300–5,000 1/min
Maximum output per litre	118 kW/l (161 PS/l)
Compression ratio	10.2:1
Maximum engine speed	7,500 1/min
Cooling system	Water-cooled with map-controlled thermal management and switchable water pump
Valve control	VarioCam Plus: variable camshaft on the inlet and outlet sides; valve-lift switchover on the inlet side

Drivetrain

Drive system	Porsche Traction Management (PTM): active all-wheel drive with electronically controlled, map-controlled multi-plate clutch, variable torque distribution between the front and rear axles; Porsche Torque Vectoring Plus (PTV Plus) including electronically controlled rear differential with fully variable torque distribution; PTM and PTV Plus with Dakar-specific tuning
Gearbox	Eight-speed Porsche dual clutch transmission (PDK) with dual-mass flywheel
Gear ratios	
1 st gear	4.89
2 nd gear	3.17
3 rd gear	2.15
4 th gear	1.56
5 th gear	1.18
6 th gear	0.94
7 th gear	0.76
8 th gear	0.61
Reverse gear	3.99
Rear-axle gear ratio	3.12

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Chassis

Suspension and damping	PASM suspension, with 50 mm extra ride height: Steel suspension and Porsche Active Suspension Management (PASM) variable damping system; Porsche Dynamic Chassis Control (PDCC) active anti-roll stabilisation; PASM and PDCC with Dakar-specific tuning; hydraulic lift system on the front and rear axles for additional 30 mm of lift
Front axle	MacPherson strut design, optimised by Porsche: wheels suspended individually on wishbones with longitudinal arms and struts
Rear axle	Lightweight multi-link axle with wheels guided individually on five arms
Steering	Electromechanical Power Steering Plus with variable steering ratio and steering impulse; rear axle steering. All with Dakar-specific tuning
Steering ratio	14.1:1 (centre position)
Steering wheel diameter	360 mm
Turning circle diameter	10.7 m
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS with advanced braking functions; Dakar-specific OFFROAD and RALLYE driving modes as well as RALLYE Launch Control

Brakes

Brake system	Dual-circuit brake system split by axle; electromechanical power brake; Brake Assist; electrically operated duo-servo parking brake
Brakes, front axle	Six-piston aluminium monobloc fixed-calliper brakes; cast-iron composite brake discs with aluminium brake bells; internally ventilated and cross-drilled
Diameter	350 mm
Thickness	34 mm
Brakes, rear axle	Four-piston aluminium monobloc fixed-calliper brakes; cast-iron brake discs; internally ventilated and cross-drilled
Diameter	350 mm
Thickness	28 mm

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Wheels and tyres

Front wheels and tyres	8.0 J x 19 ET 38 with 245/45 ZR 19 all-terrain tyres
Rear wheels and tyres	11.5 J x 20 ET 63 with 295/40 ZR 20 all-terrain tyres

Dimensions

Length	4,530 mm
Width (including exterior mirrors)	1,864 mm (2,033 mm)
Height	1,338 mm
Wheelbase	2,450 mm
Front track width	1,617 mm
Rear track width	1,572 mm
Ground clearance (normal/high)	161 mm/191 mm
Breakover angle (normal/high)	16.2 °/19.0 °
Approach angle (normal/high)	14.2 °/16.1 °
Departure angle (normal/high)	16.4 °/18.2 °

Luggage compartment volume and weights

Luggage compartment volume	132 l
Unladen weight (DIN)	1,605 kg
Permissible gross weight	1,960 kg
Roof load with Porsche roof transport system	75 kg

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Performance

Top speed	240 km/h
Acceleration	
0-60 mph	3.2 s
0-100 km/h	3.4 s
0-160 km/h	7.8 s
0-200 km/h	12.0 s

Fuel and emissions

Emissions standard	Euro 6d ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Fuel consumption (NEDC)	
Urban	15.1 l/100 km
Extra-urban	7.8 l/100 km
Combined	10.5 l/100 km
CO ₂ emissions (NEDC)	
Combined	239 g/km
Fuel consumption (WLTP)	
Combined	11.3 l/100 km
CO ₂ emissions (WLTP)	
Combined	256 g/km
Efficiency class (Germany)	G
Tank capacity	67 l

Aerodynamics

Drag coefficient (c_d)	0.35
Cross-sectional area A	2.11 m ²
$c_d \times A$	0.739 m ²