

2020 Porsche Macan Technical Data	Macan	Macan S	Macan GTS	Macan Turbo
Engine				
Engine layout	Front Engine	Front Engine	Front Engine	Front Engine
Engine type	turbocharged In-line-4	mono-turbo V6, 90 degree	twin-turbo V6, 90 degree	twin-turbo V6, 90 degree
Cylinders	4	6	6	6
Valves per cylinder	4	4	4	4
Construction	Cast Iron Crankcase and Aluminum heads	Aluminum block and heads	Aluminum block and heads	Aluminum block and heads
Fuel injection	DFI	DFI	DFI	DFI
Fuel	Premium	Premium	Premium	Premium
Displacement	2.0 liter	3.0 liter	2.9 liter	2.9 liter
Bore/Stroke	82.5mm/92.8mm	84.5mm/89mm	84.5 mm / 86 mm	84.5 mm / 86 mm
Maximum power @ engine speed	248 hp @ 5,000-6,800 rpm	348 hp @ 5,400-6,400 rpm	375 hp @ 5,200 - 6,700 rpm	434 @ 5,700-6,600
Maximum torque @ engine speed	273 lb. - ft. @ 1,600 - 4,500	354 lb. - ft. @ 1,360 - 4,800	383 lb. - ft. @ 1,750 - 5,000	405 @ 1,800-5,500
Maximum engine speed	6800 rpm	6500 rpm	6800 rpm	6,800 rpm
Compression ratio	9.6:1	11.2:1	10.5:1	10.5:1
Power to weight ratio (lb/hp)	16.53	12.34	11.7	10.61
hp/liter	124	116.3	129.3	149.6
Chassis & Suspension				
Drivetrain	Active all-wheel drive (fully variable, hang-on)	Active all-wheel drive (fully variable, hang-on)	Active all-wheel drive (fully variable, hang-on)	Active all-wheel drive (fully variable, hang-on)
Front Axle	Aluminum double wishbone	Aluminum double wishbone	Aluminum double wishbone	Aluminum double wishbone
Rear Axle	self-tracking trapezoidal link	self-tracking trapezoidal link	self-tracking trapezoidal link	self-tracking trapezoidal link
Steering System	Power assisted, electromechanical	Power assisted, electromechanical	Power assisted, electromechanical	Power assisted, electromechanical
Steering Ratio	14.3 : 1	14.3 : 1	14.3 : 1	14.3 : 1
Turning Circle (ft)	38.7	38.7	39.2	39.2
Breaks & Wheels				
Caliper type (front/rear)	Aluminum monobloc fixed/floating	Aluminum monobloc fixed/floating	Aluminum monobloc fixed/floating	Aluminum monobloc fixed/floating
Rotor material	Cast iron, internally vented	Cast iron, internally vented	Steel, internally vented	Cast iron, tungsten carbide coated, internally vented
Caliper color	Black	Silver	Red	White
Number of pistons (front/rear)	4/1	6/1	6/1	6/1
Rotor diameter (front/rear) mm	345/330	360/330	360/330	390/356
Wheel size and design	18" Macan Wheel	19" Macan Design Wheel	20" RS Spyder Design in black	20" Macan Turbo Wheel
Wheels and tires: front	(wheels) 8 x 18 RO 21 (tires) 235/60 R 18	(wheels) 8.5 x 19 RO 21 (tires) 235/55 R 19	(wheels) 9 x 20 RO 26 (tires) 265/45 R 20	(wheels) 9 x 20 ET 26 (tires) 265/45 R 20
Wheels and tires rear	(wheels) 9 x 18 RO 21 (tires) 255/55 R 18	(wheels) 9 x 19 RO 21 (tires) 255/50 R 19	(wheels) 10 x 20 RO 21 (tires) 295/45 R 20	(wheels) 10 x 20 ET 19 (tires) 295/40 R 20
Transmission				
Number of gears	7-speed	7-speed	7-speed	7-speed
Transmission type	PDK, wet multiplate clutch w/dual mass flywheel	PDK, wet multiplate clutch w/dual mass flywheel	PDK, wet multiplate clutch w/dual mass flywheel	PDK, wet multiplate clutch w/dual mass flywheel
1st	3.69	3.69	3.69	3.69
2nd	2.15	2.15	2.15	2.15
3rd	1.41	1.41	1.41	1.41
4th	1.03	1.03	1.03	1.03
5th	0.79	0.79	0.79	0.79
6th	0.63	0.63	0.63	0.63
7th	0.52	0.52	0.52	0.52
Reverse	2.94	2.94	2.94	2.94
Dimensions, Aerodynamics, & Weight				
Length (inches)	184.3	184.3	184.5	185
Wheelbase (inches)	110.5	110.5	110.6	110.5
Width w/ mirrors (inches)	82.6	82.6	82.6	82.6
Width w/o mirrors (inches)	76.1	76.1	76.2	76.1
Height (inches)	64	64	63	64
Drag coefficient (Cd)	0.36	0.36	0.36	0.37
Cargo area volume (cu.-ft.) seats up	17.7 cu.-ft.	17.7 cu.-ft.	17.7 cu.-ft.	17.7 cu.-ft.
Cargo area volume (cu.-ft.) seats down	53.0 cu.-ft.	53.0 cu.-ft.	53.0 cu.-ft.	53.0 cu.-ft.
Fuel tank capacity - refill volume (gal)	19.8	19.8	19.8	19.8
Curb weight (lbs)	4,099	4,293	4,370	4,244
Gross Vehicle Weight (lbs)	5,534	5,688	5,687	5,622
Payload (lbs) max	1,435	1,395	1,370	1,378
Towing Capacity Braked (lbs)	4,409	4,409	4,409	4,430
Towing Capacity Unbraked (lbs)	1,653	1,653	1,653	1,653
Performance				
Top track speed (mph)	142	157	162	167
Acceleration 0-60 (mph)	6.3 (6.1 w/ Sport Chrono)	5.1 (4.9 w/ Sport Chrono)	4.7 (4.5 w/ Sport Chrono)	4.3 (4.1 w/ Sport Chrono)
Fuel Economy/Rating*				
City	19	18	TBD	TBD
Highway	23	23	TBD	TBD
Combined	21	20	TBD	TBD

*US EPA estimates. Actual mileage will vary.