



PORSCHE

2015 Porsche Macan Models

Technical Data

Macan S

Macan Turbo

Engine

Engine layout	Front engine	Front engine
Engine type	twin turbo 90 degree V6	twin turbo 90 degree V6
Cylinders	6	6
Valves per cylinder	4	4
Construction	Aluminum block and heads	Aluminum block and heads
Fuel injection	Direct fuel injection	Direct fuel injection
Fuel	Premium	Premium
Displacement	3.0 liter	3.6 liter
Bore/Stroke	96.0 mm / 69.0 mm	96.0 mm / 83.0 mm
Maximum power output @ engine speed	340 hp @ 5,500 - 6,500 rpm	400 hp @ 6,000 rpm
Maximum torque @ engine speed	339 lb.-ft. @ 1,450 - 5,000 rpm	406 lb.-ft. @ 1,350 - 4,500 rpm
Electrical System	12 volt, 3000 watt three-phase generator, 92 Ah battery	12 volt, 3000 watt three-phase generator, 92 Ah battery
Maximum engine speed	6,700 rpm	6,700 rpm
Compression ratio	9.8:1	10.5:1
Power to weight ratio (lbs/hp)	12.1	10.6
Output per liter	113.3 hp/l	111.1 hp/l
Lubrication	Integrated dry-sump, two-stage	Integrated dry-sump, two-stage
Engine Management	EMS SDI 10	EMS SDI 10
Drivetrain	All-wheel-drive, with electronically controlled, map-controlled multi-plate clutch	All-wheel-drive, with electronically controlled, map-controlled multi-plate clutch

Chassis & Suspension

Body	Lightweight body using a combination of steel and aluminum	Lightweight body using a combination of steel and aluminum
Front Axle	Aluminium five-arm wishbone axle	Aluminium five-arm wishbone axle
Rear Axle	Self tracking trapezoidal-link	Self tracking trapezoidal-link
Steering System	Electro-mechanical power steering	Electro-mechanical power steering
Steering Ratio	14.3:1	14.3:1
Turning Circle	38.7 ft.	39.2 ft.

Brakes & Wheels

Caliper type front	Six piston fixed	Six piston fixed
Caliper type rear	Single piston floating	Single piston floating
Rotor material	Steel, internally vented	Steel, internally vented
Caliper color	Silver	Red
Number of pistons (front/rear)	6 / 1	6 / 1
Steel Rotor diameter (front/rear) mm	350 / 330	360 / 356
Steel Rotor thickness (front/rear) mm	34 / 22	36 / 28
Wheel type (standard)	Macan Design Wheels	Macan Turbo Wheels
Wheels and tires front (standard)	8J x 19 235/55 R 19 101	8J x 19 235/55 R 19 101
Wheels and tires rear (standard)	9J x 19 255/50 R 18 103	9J x 19 255/50 R 18 103



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Transmission

Number of gears

7-speed

7-speed

Transmission type

PDK

PDK

Ratios

1st

3.69

3.69

2nd

2.15

2.15

3rd

1.41

1.41

4th

1.03

1.03

5th

0.79

0.79

6th

0.63

0.63

7th

0.52

0.52

Reverse

2.94

2.94

Final Drive Ratio

4.13 / 4.67

4.13 / 4.67

Dimensions, Aerodynamics, & Weight

Length (inches)

184.29

185

Wheelbase (inches)

110.51

110.51

Width w/ mirrors (inches)

82.6

82.6

Width w/o mirrors (inches)

76.14

76.14

Height (inches)

63.35

63.35

Track width front / rear (inches)

65.16 / 65

65.16 / 65

Drag coefficient (Cd)

0.36

0.37

Legroom* (inches)

TBD

TBD

Headroom (inches)

TBD

TBD

Cargo area volume (cu.-ft.)

17.7

17.7

Cargo area volume (cu.-ft.) w/ seats down

53.0

53.0

Fuel tank capacity (gal)

19.8

19.8

Curb weight (lbs) min / max

4112 / 4641

4244 / 4652

Gross Vehicle Weight (lbs)

5622

5622

Payload (lbs) min / max

981 / 1510

970 / 1378

Towing Capacity Braked / Unbraked (lbs)

4409 / 1653

4409 / 1653

Performance

Top track speed (mph)

156

164

Acceleration 0-60 (mph)

5.2 (5.0 w/ Sport Chrono)

4.6 (4.4 w/ Sport Chrono)

1/4 mile from standing start (secs)

Fuel Economy/Rating

Rating

ULEV

ULEV

City

17

17

Highway

23

23

Combined

19

19

* Interior Length: Driver's Side: from depressed pedal to the hip point of seat