

Porsche Macan

Porsche Macan 2.0 TFSI , RHD

2014 ★★★★★



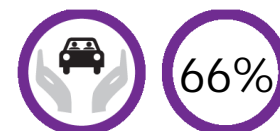
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Porsche Macan 2.0 TFSI , RHD
Body type	5 door SUV
Year of publication	2014
Kerb weight	1770kg
VIN from which rating applies	WP1 ZZZ 95 Z FL B1 4222

SAFETY EQUIPMENT

Frontal airbags	Driver (Dual Stage), Passenger (Dual Stage)
Pre-tensioners	Driver (single), Passenger (single), Rear (outboard seats)
Load-limiters	Driver, Passenger, Rear (outboard seats)
Knee airbags	None
Side airbags	Head (front and rear), Thorax (front only) (combined thorax/pelvis)
Front head restraints	Passive
Passenger airbag switch	Manual switch
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	None,
Seatbelt Reminder	Driver, Passenger, Rear
Electronic Stability Control	PSM, Standard, Manual Switch
Speed Assistance Systems	Driver-set speed limitation, Standard
Lane Support	Standard
Autonomous Braking	None, Not Available
Other	Multi Collision Brake (standard)

Safety equipment is standard across the model range unless stated otherwise

ADULT OCCUPANT

Total 33 pts | 88%

CRASH TEST PERFORMANCE

FRONT OFFSET

15,4 pts



Driver



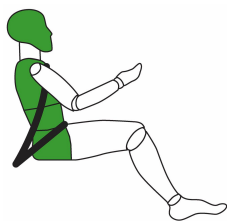
Passenger

SIDE CAR

8 pts

SIDE POLE

7,5 pts



Side car



Side pole

FRONT OFFSET

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	1mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	Brake - 10.9mm
Upward pedal movement	Accelerator - 11.6mm

SIDE

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH PROTECTION

FRONT, REAR SEATS

2,7 pts



Front seats



Rear seats

HEAD RESTRAINT

Seat description	Basic, 8 way electric
Head restraint type	Passive
Front geometric assessment	2 pts

TESTS

- High severity	2,3 pts
- Medium severity	2,4 pts
- Low severity	2,5 pts

AEB CITY

0 pts

System name	Not applicable
Fitment	Not available



CHILD OCCUPANT

Total 43 pts | 87%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Römer BabySafe + ISOFIX Base
Facing rearward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint Roemer Safefix plus
Facing forward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

Safety features score **7 pts**
Installation check score **12 pts**

Pass Install without problem
Partial Fail Install with care
Fail Safety critical problem
Exempt Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer BabySafe + ISOFIX Base (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer SafeFix Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A

SAFETY ASSIST

Total 9 pts | 66%

SPEED ASSISTANCE SYSTEM 1,7 pts

Standard	
Speed Information	PASS
Speed Assistance (Manual)	Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- PSM	Meets requirements
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SEATBELT REMINDER 3 pts

- driver and passenger	Pass
- rear	Pass

LANE SUPPORT SYSTEMS 1 pts

Standard	Meets requirements
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PEDESTRIAN

Total 22 pts | 60%



HEAD	15,6 pts
PELVIS	0 pts
LEG	6 pts



COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings showed good protection of the knees and femurs of the driver and passenger. Porsche demonstrated that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. The Macan scored maximum points in the side barrier test, with good protection of all critical body regions. In the more severe side pole impact, protection of the head and pelvis was good and that of the chest and abdomen was adequate. Tests indicated that the seats and head restraints provided good protection against whiplash injuries to the occupants of the front and rear seats.

Child occupant

The Macan scored maximum points for its protection of the 1½ and 3 year infants in the crash tests, based on dummy readings. In the frontal impact, forward movement of the head of the 3 year dummy, sat in a forward-facing restraint, was not excessive and chest and neck loads were well controlled. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the likelihood of head contact with parts of the vehicle interior. The front passenger airbag can be disabled to allow a rearward-facing restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All of the child restraints for which the car is designed can be properly installed and accommodated in the Macan.

Pedestrian

The bumper scored maximum points for its protection of pedestrians' legs, with good results in all areas tested. However, the front edge of the bonnet scored no points, with poor protection being provided. The protection offered to a pedestrian's head by the surface of the bonnet ranged from marginal at the outside edges to good in the central region. Poor results were recorded at the bottom of the windscreen and on the stiff windscreen pillars.

Safety assist

Electronic stability control is standard equipment on the Macan, as is a seatbelt reminder covering the front and rear seats. A driver-set speed limitation system is standard equipment and this can be supplemented by an optional speed limit information function. The latter is available as a map-based system, which is expected to be fitted to most cars sold and was included in the assessment. A map and camera-based system as well as a forward-collision warning system is an option and is not expected to be on most vehicles so was not included in the assessment. A lane departure warning system is standard equipment.