

# ANCAP Safety Rating

## PEUGEOT 508 (2011 - onwards)



Peugeot 508

### This ANCAP safety rating applies to:

Make / Model	Peugeot 508
Year Range	2011 - onwards
Variant(s)*	All variants
Vehicle Type	Medium Car

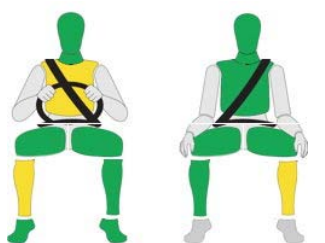
The tested model of Peugeot 508 was introduced in Australia and New Zealand in July 2011. This ANCAP safety rating applies to all variants (sedan and wagon) and has been updated to list 2016 safety feature information.

Dual frontal, side chest and side head airbags (curtains) are standard. Advanced seat belt reminders are fitted to all seats. Autonomous emergency braking (AEB) and lane support systems (LSS) are not available.

A full list of safety features and technologies can be viewed within the *Safety Features & Technologies* table on page 2 of this report.

### Injury Outcomes.

#### Frontal Offset



#### Side Impact & Pole#



#### Whiplash Protection



# Head protection only.

### Test Results Summary.

Airbags	Dual Frontal, Side, Head
Frontal Offset Test	14.64 (out of 16)
Side Impact Test	15.46 (out of 16)
Pole Test	2.00 (out of 2)
Whiplash Protection	Good
Pedestrian Protection	Marginal
ESC	Standard
Seat Belt Reminders	3.00 (out of 3)
Overall Score	35.10 (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year^	2011

### Occupant Protection.

#### Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	3.44 points
Upper legs:	4.00 points
Lower legs:	3.20 points

The passenger compartment held its shape well in the frontal offset test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. All doors remained closed during the crash.

#### Side Impact Test

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	3.46 points
Abdomen:	4.00 points
Pelvis:	4.00 points

There was a slight risk of driver chest injury in the side impact test.

#### Pole Test

Scored out of 2 points

Score:	2.00 points
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The vehicle was eligible for a side pole test because it has side curtain airbags. The vehicle scored the maximum 2 points for head protection in this test.

#### Whiplash Protection Test

Whiplash protection is assessed to the Euro NCAP Protocol

Geometric test:	Good
Dynamic test:	Good
Overall whiplash rating:	Good

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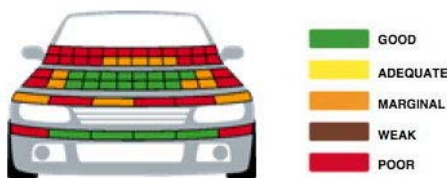
### Pedestrian Protection.

#### Pedestrian Test

Scored out of 36 points

Adult & child head impacts: 9.31 points  
 Upper leg impacts: 1.50 points  
 Lower leg impacts: 4.00 points

This vehicle scored 14.81 out of 36 points (Marginal). The protection provided by the bumper to pedestrians' legs was good in most areas tested but poor in some. The front edge of the bonnet offered poor or marginal protection. In most areas likely to be struck by a child's head, the bonnet offered good protection. However, in those areas likely to be struck by an adult's head, the bonnet provided poor protection. (Tested by Euro NCAP v5)



### Score Deductions.

#### Deductions from frontal offset test scores

Head / neck: No deductions  
 Chest: No deductions  
 Upper legs: No deductions  
 Lower legs: No deductions

#### Deductions from side impact test score

Head / neck: No deductions  
 Chest: No deductions  
 Abdomen: No deductions  
 Pelvis: No deductions

#### Deductions from pole test score

Head: No deductions

### Safety Features & Technologies (from 2016).

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at [ancap.com.au](http://ancap.com.au).

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point, lap/sash) for all forward-facing seats	S
Seat belt pretensioners (front)	S
Seat belt pretensioners (rear outboard)	X
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	S
Intelligent seat belt reminder (2 <sup>nd</sup> row seats)	S
Airbag - Frontal (driver)	S
Airbag - Frontal (passenger)	S
Airbag - Side, chest protection (front seats)	S
Airbag - Side, chest protection (2 <sup>nd</sup> row seats)	X
Airbag - Side, head protection (front seats)	S
Airbag - Side, head protection (2 <sup>nd</sup> row seats)	X
Airbag - Knee (driver)	X
Airbag - Knee (front passenger)	X
Head restraints for all seats	S
Adaptive cruise control (ACC)	X
Adaptive front lighting systems	O
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	X
- Interurban	X
- Vulnerable road user	X
Automatic headlights	O
Automatic high beam	O
Blind spot monitoring (BSM)	S
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Lane support system (LSS)	X
Daytime running lights (DRL)	S
Hill launch assist	S
Reversing collision avoidance	S
Speed assistance – automatic / intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting	S
Speed assistance - speed sign recognition & warning	X
Tyre pressure monitoring system (TPMS)	X

**S** = Standard on all variants.  
**O** = Optional on base variant. May be standard on higher variants.  
**V** = Not available on base variant but standard or optional on higher variants.  
**X** = Not available on any variant.  
**E** = Available in Europe / USA but not available on any Australasian variant.

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

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### Injury Values & Measurements.

Body Region	Frontal offset test at 64 km/h (v5)		Side impact test at 50 km/h (v5)
	Driver	Passenger	Driver
<b>Head</b>			
HIC	316.00	398.00	44.00
Acceleration (g for 3ms)	47.70	52.90	21.20
<b>Neck</b>			
Shear (kN)	0.62	0.49	-
Tension (kN)	1.39	1.14	-
Extension (Nm)	16.60	8.10	-
<b>Chest</b>			
Acceleration (g for 3ms)	-	-	-
Compression (mm)	25.90	19.80	24.70
Viscous criterion (m/s)	0.07	0.06	0.14
<b>Abdomen</b>			
Force (kN)	-	-	0.81
<b>Pelvis</b>			
Force (kN)	-	-	1.94
<b>Upper legs</b>			
Femur force left (kN)	0.18	0.70	
Femur force right (kN)	0.24	0.20	
Knee displacement left (mm)	0.10	0.20	
Knee displacement right (mm)	0.20	1.00	
<b>Lower legs</b>			
Force left (kN)	1.50	2.44	
Force right (kN)	1.59	0.94	
Index (upper / lower) left	0.37 / 0.39	0.58 / 0.53	
Index (upper / lower) right	0.50 / 0.43	0.39 / 0.16	
<b>Intrusion Measurements</b>			
<b>Steering column</b>			
Forward (mm)	5		
Downward (mm)	23		
Sideways (mm)	9		
<b>Pedals</b>			
Throttle - forward (mm)	61		
Brake - upward (mm)	8		
<b>A-Pillar</b>			
Forward (mm)	29		

\* **Model Variants:** ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ **Rating Year:** The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

### Assessment Details.

Tested Make / Model	Peugeot 508 Active LHD
Tested Vehicle(s) Built	2011
Tested Body Type	Sedan
Tested Vehicle Kerb Weight	1405 kg
Tested Vehicle Engine	1.6 litre
Tested By	ANCAP / Euro NCAP
Assessed By	ANCAP
Document Reference	508_11
Document Created / Revised	12 December 2016
Rating Published	9 August 2011
Rating Updated	December 2016



Frontal offset test at 64km/h