

TEST RESULTS

Peugeot 508

Peugeot 508 1.6 diesel 'Active', LHD

2011



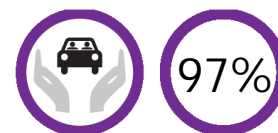
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 32 pts | 90%

FRONTAL IMPACT

14,6 pts



Driver



Passenger

SIDE IMPACT CAR

7,7 pts

SIDE IMPACT POLE

6,9 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,2 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	29mm
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	none
Upward pedal movement	brake - 8mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 4 way manual
Head restraint type	Passive
Geometric assessment	1 pts

TESTS

- High severity	2,6 pts
- Medium severity	1,9 pts
- Low severity	2,3 pts

TEST RESULTS

CHILD OCCUPANT

Total 43 pts | 87%

18 MONTH OLD CHILD

Restraint BRITAX RÖMER BABYSAFE+
Group 0, 0+
Facing rearward
Installation Adult seatbelt



PERFORMANCE 11,7 pts
INSTRUCTIONS 4 pts
INSTALLATION 2 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 BRITAX RÖMER DUO+
Group 1
Facing forward
Installation ISOFIX anchorages and top tether



PERFORMANCE 12 pts
INSTRUCTIONS 4 pts
INSTALLATION 2 pts

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

VEHICLE BASED ASSESSMENT

7 pts

Airbag warning Label

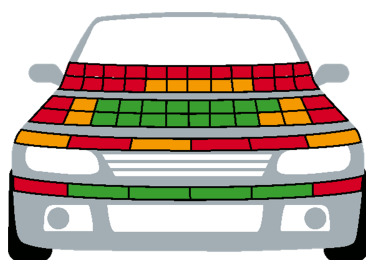
Text and pictogram warning label permanently attached to both sides for the passenger sun visor

PEDESTRIAN

Total 15 pts | 41%

SAFETY ASSIST

Total 7 pts | 97%



GOOD
MARGINAL
POOR

HEAD 9,3 pts
PELVIS 1,5 pts
LEG 4 pts

SPEED LIMITATION ASSISTANCE 0,8 pts

- active, optional Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP Pass

Yaw rate ratio (1.00s) 2,08 %

Yaw rate ratio (1.75s) 2,22 %

Lateral displacement (1.07s) 3,09 m

SEATBELT REMINDER 3 pts

- driver Pass

- passenger Pass

- rear Pass

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Peugeot 508 1.6 diesel 'Active', LHD
Body type	4 door sedan
Year of publication	2011
Kerb weight	1405kg
VIN from which rating applies	applies to all 508s of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	
Driver frontal airbag	single stage
Front passenger frontal airbag	single stage
Side body airbags	
Side head airbags	
Speed Limitation Assistance	meets fitment requirements
Electronic Stability Control	
Seatbelt Reminder	

COMMENTS

Adult occupant

The passenger compartment of the 508 remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Peugeot was able to show that a similar level of protection would be offered to occupants of different sizes and to those sat in different positions. Dummy readings of the ribs indicated adequate chest protection in the side barrier test, with good protection of the other critical body areas. In the more severe side pole test, chest protection was marginal. The seat and head restraint offered good protection against whiplash injuries in a rear-end impact.

Child occupant

Based on dummy readings in the dynamic tests, the 508 was awarded maximum points for its protection of the 3 year infant. The front passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. The switch is clearly labelled and unambiguous information is provided to the driver regarding the status of the airbag. The system was rewarded by Euro NCAP. Permanently attached labels clearly warn of the danger of using a rearward facing child seat in that position without first disabling the airbag.

Pedestrian

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.

Safety assist

Electronic Stability Control is standard equipment on the 508. A driver-set speed limitation device is optional on basic grade variants in a few European countries but is otherwise standard equipment. Sales as standard are expected to exceed Euro NCAP's 2011 fitment requirement (95%) and the system was rewarded. A seatbelt reminder is standard for the driver, front passenger and rear seats.