

# TEST RESULTS

## Peugeot 508

Peugeot 508 1.6 diesel 'Active', LHD

2011



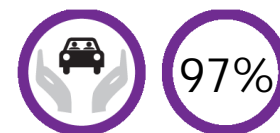
ADULT OCCUPANT



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

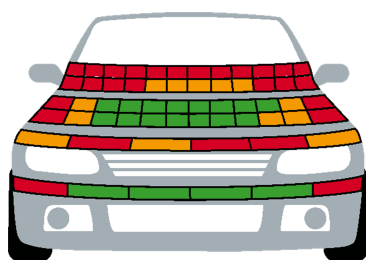
Text and pictogram warning label permanently attached to both sides for the passenger sun visor

## 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

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

### SAFETY EQUIPMENT

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

## 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.