

# TEST RESULTS

## Seat Leon

Seat Leon 1.6TDI 'Reference', LHD

2012 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

### ADULT OCCUPANT

Total 34 pts | 94%

#### FRONTAL IMPACT

15,6 pts



Driver



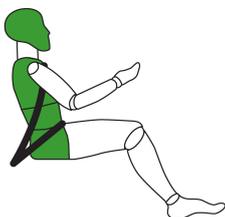
Passenger

#### SIDE IMPACT CAR

8 pts

#### SIDE IMPACT POLE

7,3 pts



Car



Pole

#### REAR IMPACT (WHIPLASH)

3,1 pts



#### FRONTAL IMPACT

##### HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

##### CHEST

Passenger compartment	stable
Windscreen Pillar rearward	2mm
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	clutch - 57mm
Upward pedal movement	clutch - 46mm

#### SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

#### WHIPLASH

Seat description	Standard cloth 4 way manual
Head restraint type	Passive
Geometric assessment	0,9 pts

#### TESTS

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

# TEST RESULTS

## CHILD OCCUPANT

Total 45 pts | 92%

### 18 MONTH OLD CHILD

**Restraint** Fair G0/1S  
**Group** 0, 1  
**Facing** rearward  
**Installation** ISOFIX anchorages and support frame



**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

### 3 YEAR OLD CHILD

**Restraint** Britax-Römer Duo Plus  
**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

9 pts

### Airbag warning Label

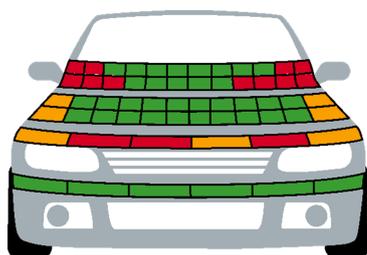
Text and pictogram on both sides of passenger sun visor

## PEDESTRIAN

Total 25 pts | 70%

## SAFETY ASSIST

Total 5 pts | 71%



**GOOD**  
**MARGINAL**  
**POOR**

**HEAD** 16,9 pts  
**PELVIS** 2,2 pts  
**LEG** 6 pts

### SPEED LIMITATION ASSISTANCE

0 pts

Not assessed

### ELECTRONIC STABILITY CONTROL (ESC)

3 pts

- ESC Pass  
 Yaw rate ratio (1.00s) 1,60 %  
 Yaw rate ratio (1.75s) 2,00 %  
 Lateral displacement (1.07s) 3,26 m

### SEATBELT REMINDER

2 pts

- driver Pass  
 - passenger Pass  
 - rear Not assessed

## DETAILS OF TESTED CAR

### SPECIFICATIONS

<b>Tested model</b>	Seat Leon 1.6TDI 'Reference', LHD
<b>Body type</b>	5 door hatchback
<b>Year of publication</b>	2012
<b>Kerb weight</b>	1205kg
<b>VIN from which rating applies</b>	applies to all Leons of the specification tested

### SAFETY EQUIPMENT

<b>Front seatbelt pretensioners</b>	
<b>Front seatbelt load limiters</b>	
<b>Driver frontal airbag</b>	
<b>Front passenger frontal airbag</b>	
<b>Side body airbags</b>	
<b>Side head airbags</b>	
<b>Driver knee airbag</b>	
<b>Electronic Stability Control</b>	
<b>Seatbelt Reminder</b>	driver and front passenger

## COMMENTS

### Adult occupant

The passenger compartment of the Leon remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the front seat passengers. Seat showed that a similar level of protection would be available to occupants of different sizes and to those sat in different positions. The Leon scored maximum points in the side barrier test, with good protection of all body regions. In the more severe side pole impact, protection of the chest and abdomen was adequate and that of the head and pelvis was good. The seat and head restraint provided good protection against whiplash injury in the event of a rear-end impact.

### Child occupant

The Leon scored maximum points based on readings from the child dummies in the dynamic tests. In the frontal impact, forward movement of the head of the 3 year dummy, sat in a forward facing restraint, was not excessive. In the side impact, both dummies were properly contained by the protective shells of their restraints, minimising the risk of head contact with parts of the car's interior. The passenger airbag can be disabled to allow a rearward-facing restraint to be used in the front passenger seat. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. The dangers of using a rearward-facing restraint in that seating positions without first disabling the airbag is clearly and permanently indicated.

### Pedestrian

The bumper scored maximum points for the protection it offered to pedestrians' legs. However, the front edge of the bonnet was marginal or poor in all areas tested. The bonnet offered good protection in most areas likely to be struck by a pedestrian's head.

### Safety assist

Electronic stability control is standard equipment and met Euro NCAP's test requirements. There is a standard-fit seatbelt reminder on the driver and front passenger seats. A driver-set speed warning system is available on the Leon but it was not assessed by Euro NCAP as it is not standard on all variants.