

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



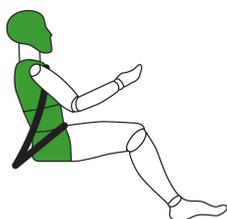
Passenger

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

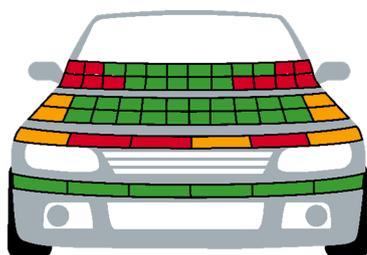
Text and pictogram on both sides of passenger sun visor

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

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

SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	
Driver frontal airbag	
Front passenger frontal airbag	
Side body airbags	
Side head airbags	
Driver knee airbag	
Electronic Stability Control	
Seatbelt Reminder	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.