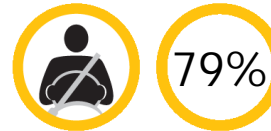


Lancia Voyager

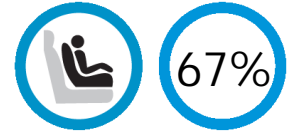
2.8l Diesel, Automatic, Platinum

2011



79%

ADULT OCCUPANT



67%

CHILD OCCUPANT



47%

PEDESTRIAN



71%

SAFETY ASSIST

ADULT OCCUPANT

Total 29 pts | 79%

FRONTAL IMPACT

10 pts



Driver



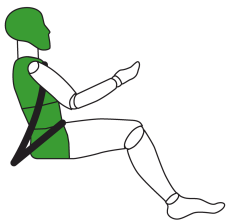
Passenger

SIDE IMPACT CAR

8 pts

SIDE IMPACT POLE

7,9 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,6 pts



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

FRONTAL IMPACT

HEAD

Driver airbag contact stable

Passenger airbag contact stable

CHEST

Passenger compartment stable

Windscreen Pillar rearward 19mm

Steering wheel rearward none

Steering wheel upward 6mm

Chest contact with steering wheel none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard Facia and steering column

Concentrated loads on knees Facia and steering column

LOWER LEGS AND FEET

Footwell Collapse none

Rearward pedal movement clutch - 40mm

Upward pedal movement none

SIDE IMPACT

Head protection airbag Yes

Chest protection airbag Yes

WHIPLASH

Seat description Leather, 8 way, electric

Head restraint type Active

Geometric assessment 1 pts

TESTS

- High severity 1,6 pts

- Medium severity 2,3 pts

- Low severity 2,3 pts

CHILD OCCUPANT

Total 33 pts | 67%

18 MONTH OLD CHILD

Restraint	FAIR G-01 ISOFIX, ISOFIX RWF Platform Frame type E
Group	G-01
Facing	rearward
Installation	ISOFIX anchorages and support frame



PERFORMANCE	9,6 pts
INSTRUCTIONS	4 pts
INSTALLATION	0 pts

FRONTAL IMPACT

Head forward movement	protected
Head acceleration	good
Chest load	fair

SIDE IMPACT

Head containment	protected
Head acceleration	good

3 YEAR OLD CHILD

Restraint	FAIR G-01 ISOFIX, ISOFIX FWF Platform Frame type A
Group	G-01
Facing	forward
Installation	ISOFIX anchorages and support frame



PERFORMANCE	12 pts
INSTRUCTIONS	4 pts
INSTALLATION	0 pts

FRONTAL IMPACT

Head forward movement	protected
Head acceleration	good
Chest load	good

SIDE IMPACT

Head containment	protected
Head acceleration	good

VEHICLE BASED ASSESSMENT

3 pts

Airbag warning Label

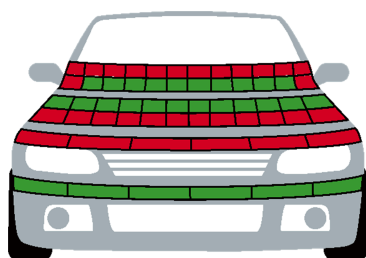
Insufficient markings

PEDESTRIAN

Total 17 pts | 47%

SAFETY ASSIST

Total 5 pts | 71%



	GOOD
	MARGINAL
	POOR

HEAD	11 pts
PELVIS	0 pts
LEG	6 pts

SPEED LIMITATION ASSISTANCE 0 pts

Not assessed

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP	Pass
Yaw rate ratio (1.00s)	2,90 %
Yaw rate ratio (1.75s)	3,30 %
Lateral displacement (1.07s)	2,37 m

SEATBELT REMINDER 2 pts

- driver	Pass
- passenger	Pass
- rear	Not assessed

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	2.8l Diesel, Automatic, Platinum
Body type	5 door MPV
Year of publication	2011
Kerb weight	2183kg
VIN from which rating applies	applies to all Lancia Voagers of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	
Driver frontal airbag	dual stage
Front passenger frontal airbag	dual stage
Side body airbags	
Side head airbags	
Electronic Stability Control	
Seatbelt Reminder	driver and passenger

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated poor protection for the knees and femurs of the passenger occupant. The steering column and facia also provided hazards to the driver occupant. The Voyager scored maximum points for the protection it provided in the side barrier test. In the more severe side pole impact, protection was good in most body areas and adequate for the chest. The front seat and active head restraints provided marginal protection against whiplash injuries in a rear-end collision.

Child occupant

Based on dummy readings in the frontal and side impact tests, the Voyager scored full points for protection of the 3 year old child. Forward movement of the 3 year dummy, sat in a forward-facing restraint, was not excessive and both the 3 year and 18 month dummies were properly contained by their restraints in the side impact, minimising the risk of dangerous head contact. However, the ISOFIX child restraints are mounted on support stands, the legs of which rest on storage compartments in the floor of the rear seating positions. For the 18 month dummy, the cover of this storage compartment partially collapsed during the frontal impact and Euro NCAP awarded no points for compatibility of the restraints with the vehicle. Lancia has stated that they will implement improvements to eliminate this concern. The passenger airbag cannot be disabled, preventing the fitment of a rearward-facing child restraint in that seating position. The sun-visor label warning of the dangers of using a rearward facing child seat in that position were presented in the relevant EU languages and did not meet the Euro NCAP requirements.

Pedestrian

The Voyager is equipped with an 'active' bonnet. Sensors in the bumper determine when a pedestrian has been struck and actuators lift the bonnet to provide greater clearance to hard structures underneath. Lancia showed that the system worked for a wide range of pedestrian statures and over a range of speeds, so the car was tested with the system deployed. Although some areas were good, most areas likely to be struck by a pedestrian's head offered poor protection. The area likely to be struck by a pedestrian's hip and pelvis was poor in all areas tested and scored no points. The bumper offered good protection to a pedestrian's legs.

Safety assist

Electronic stability control is standard and met Euro NCAP's requirements. Speed limitation devices are not available. There is a seatbelt reminder system for the driver and passenger seats only.