

# Lancia Thema

Lancia Thema 3.0 'Platinum', LHD

2011



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

## ADULT OCCUPANT

Total 30 pts | 83%

### FRONTAL IMPACT

12,7 pts



Driver



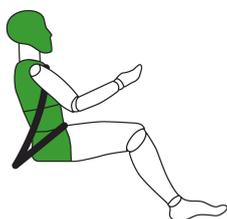
Passenger

### SIDE IMPACT CAR

8 pts

### SIDE IMPACT POLE

6,3 pts



Car



Pole

### REAR IMPACT (WHIPLASH)

2,7 pts



### FRONTAL IMPACT

#### HEAD

Driver airbag contact	unstable
Passenger airbag contact	stable

#### CHEST

Passenger compartment	stable
Windscreen Pillar rearward	4mm
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 - 21mm

### SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

### WHIPLASH

Seat description	Standard leather 8 way electric
Head restraint type	Reactive
Geometric assessment	0,3 pts

#### TESTS

- High severity	2,5 pts
- Medium severity	2,5 pts
- Low severity	2,1 pts

# TEST RESULTS

## CHILD OCCUPANT

Total 38 pts | 77%

### 18 MONTH OLD CHILD

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



**PERFORMANCE** 8,8 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 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 Bimbofix G0/1S  
**Group** 0, 1  
**Facing** forward  
**Installation** ISOFIX anchorages and support frame



**PERFORMANCE** 11,9 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 pts

### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** fair

### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

### VEHICLE BASED ASSESSMENT

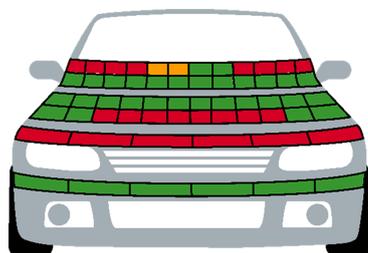
5 pts

### Airbag warning Label

Text and pictogram permanently attached to both sides of the passenger sun visor

## PEDESTRIAN

Total 21 pts | 59%



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

**HEAD** 15,3 pts  
**PELVIS** 0 pts  
**LEG** 6 pts

## SAFETY ASSIST

Total 5 pts | 71%

**SPEED LIMITATION ASSISTANCE** 0 pts  
 Not assessed

**ELECTRONIC STABILITY CONTROL (ESC)** 3 pts

- ESP Pass  
 Yaw rate ratio (1.00s) 10,90 %  
 Yaw rate ratio (1.75s) 2,90 %  
 Lateral displacement (1.07s) 2,87 m

**SEATBELT REMINDER** 2 pts

- driver Pass  
 - passenger Pass  
 - rear Not assessed

## DETAILS OF TESTED CAR

### SPECIFICATIONS

<b>Tested model</b>	Lancia Thema 3.0 'Platinum', LHD
<b>Body type</b>	5 door MPV
<b>Year of publication</b>	2011
<b>Kerb weight</b>	2042kg
<b>VIN from which rating applies</b>	applies to all Themas of the specification tested

### SAFETY EQUIPMENT

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

## COMMENTS

### Adult occupant

The passenger compartment of the Thema remained stable in the frontal impact. Although dummy readings were good, analysis of the data showed that the head of the driver dummy had 'bottomed out' the airbag i.e. the airbag was not sufficiently inflated to prevent a contact, through the flattened airbag, with the steering wheel rim. The car was penalised and head protection was rated as adequate. Dummy readings indicated good protection of the knees and femurs of both front seat occupants. Lancia were able to show that a similar level of protection would be provided for occupants of different sizes and to those sat in different positions. In the side barrier impact, the Thema scored maximum points. In the more severed side pole test, dummy readings indicated marginal levels of protection for the chest and abdomen. The protection provided by the seat and head restraint against whiplash injuries was also rated as marginal.

### Child occupant

Forward movement of the 3 year dummy, sat in a forward facing restraint, was not excessive. In the side barrier test, both dummies were properly contained within the shells of their restraints, minimising the risk of dangerous head contacts. The passenger airbag cannot be disabled so a rearward facing restraint cannot be used in that seating position. The dangers of doing so are clearly explained in a permanently attached label.

### Pedestrian

The Thema 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. In those areas likely to be struck by the head of a child or an adult, the bonnet provided good protection. The bumper also provided good protection to pedestrians's legs, and scored maximum points. However, the front edge of the bonnet scored nothing, providing poor protection in all areas tested.

### Safety assist

The Thema has electronic stability control as standard equipment, and the system met Euro NCAP's test requirements. A seatbelt reminder is standard for the driver and front passenger seats. There is no speed limitation device for the Thema.