



Lancia Ypsilon
Supermini

2015



Adult Occupant



44%

Child Occupant



79%

Pedestrian



64%

Safety Assist



38%

SPECIFICATION

Tested Model	Lancia New Ypsilon 1.2 Gold, LHD
Body Type	5 door hatchback
Year Of Publication	2015
Kerb Weight	965kg
VIN From Which Rating Applies	all Ypsilons of the specification tested
Class	Supermini

SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	●	●	—
Belt pretensioner	●	●	✗
Belt loadlimiter	●	●	✗
Knee airbag	✗	✗	—
SIDE CRASH PROTECTION			
Side head airbag	●	●	✗
Side chest airbag	○	○	✗
Side pelvis airbag	✗	✗	✗

SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix	—	✘	●
Integrated CRS	—	✘	✘
Airbag cut-off switch	—	●	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	○

OTHER SYSTEMS	
Active Bonnet (Hood)	✘
ESC	●
AEB City	✘
AEB Inter-Urban	✘
Speed Assistance System	✘
Lane Assist System	✘

The Safety Equipment includes those items relevant for the year of assessment

- Fitted to test car as standard
 ○ Fitted to test car as option
 — Not applicable
 ✘ Not available
○ Not fitted to test car but available as option

 ADULT OCCUPANT

Total 17.0 Pts / 44%

■ GOOD ■ ADEQUATE ■ MARGINAL ■ WEAK ■ POOR

Frontal Offset Deformable Barrier 7.2 Pts



Passenger Driver

Detailed description: This panel shows the results for the Frontal Offset Deformable Barrier test. It features two side-view illustrations of crash test dummies. The Passenger dummy is colored green, indicating a 'GOOD' performance. The Driver dummy is colored yellow, indicating an 'ADEQUATE' performance.

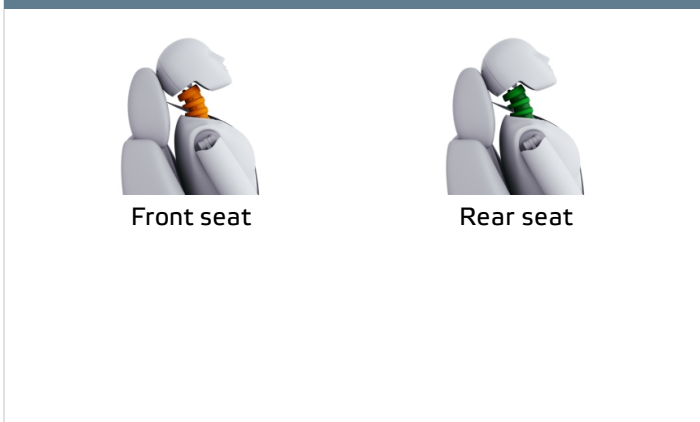
Frontal Full Width 0 Pts



Rear Passenger Driver

Detailed description: This panel shows the results for the Frontal Full Width test. It features two side-view illustrations of crash test dummies. The Rear Passenger dummy is colored red, indicating a 'POOR' performance. The Driver dummy is colored orange, indicating a 'MARGINAL' performance.

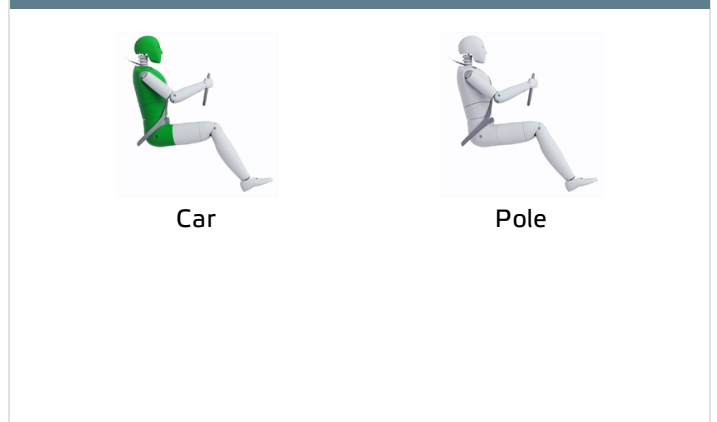
Whiplash Rear Impact 1.8 Pts



Front seat Rear seat

Detailed description: This panel shows the results for the Whiplash Rear Impact test. It features two side-view illustrations of a car seat headrest. The Front seat headrest is colored orange, indicating a 'MARGINAL' performance. The Rear seat headrest is colored green, indicating a 'GOOD' performance.

Lateral Impact 8 Pts



Car Pole

Detailed description: This panel shows the results for the Lateral Impact test. It features two side-view illustrations of a crash test dummy. The Car dummy is colored green, indicating a 'GOOD' performance. The Pole dummy is colored white, indicating a 'WEAK' performance.

AEB City 0

Performance:

Detailed description: This panel shows the results for the AEB City test. The score is 0 points. Below the score, there is a 'Performance' label followed by a gray rectangular bar.

 ADULT OCCUPANT

Total 17.0 Pts / 44%

Comments on Adult Occupant

The passenger compartment of the Ypsilon remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger dummies. Lancia showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the full width rigid barrier test, no points were scored. For the driver, parameters relating to head injury and neck bending indicated poor protection for both of these parts of the body, and marginal protection of the chest. Protection of the rear passenger dummy was poor for all critical body areas except the neck, protection of which was rated as weak. However, in the side impact barrier test, protection of all critical body areas was good, and maximum points were scored. A side pole test was not performed in this assessment. Tests on the front seats and head restraints demonstrated marginal protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats indicated good whiplash protection for the occupants of those seating positions. The Ypsilon does not have an autonomous emergency braking system to provide additional whiplash protection.

Note: Moments after the offset frontal barrier test, a fire started in the engine compartment, a consequence of the battery positive terminal shorting out and setting fire to brake fluid leaking from the reservoir. This is a rare occurrence: Lancia had not seen this phenomenon in any of their development tests and are not aware of any real-world cases. Nevertheless, the company has investigated the issue and are introducing a countermeasure into production in early December.

CHILD OCCUPANT

Total 39 Pts / 79%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance

24 Pts

18 months old child 12 Pts

Tested restraint (Fit):
FAIR G0/1

■ Good

36 months old child 12 Pts

Tested restraint (Fit):
FAIR G0/1

■ Good

Safety Features

3 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	✗	●	
i-Size	✗	✗	
Integrated CRS	✗	✗	

● Fitted to test car as standard
 ○ Not on test car but available as option
 ✗ Not available

CRS Installation Check

12 Pts

● Install without problem
 ● Safety critical problem
 ● Install with care
 ✗ Installation not allowed

■ **Infants up to 13 kg**

Maxi Cosi Cabriofix (Belt)

Maxi Cosi Cabriofix & EasyFix (Belt)

Maxi Cosi Cabriofix & EasyFix (ISOFIX)

CHILD OCCUPANT

Total 39 Pts / 79%

■ **Infants and toddlers up to 18 kg**

BeSafe iZi Kid X3 ISOFix (ISOFIX)



■ **Toddlers from 9 to 18 kg**

Römer King Plus (Belt)



Römer Duo Plus (ISOFIX)



Maxi Cosi Pearl & Familyfix (ISOFIX)



■ **Toddlers over 18 kg**

Römer KidFix (Belt)



Römer KidFix (ISOFIX)



CHILD OCCUPANT

Total 39 Pts / 79%

	Seat Position		
	Front	2nd row	
	PASSENGER	LEFT	RIGHT
Maxi Cosi Cabriofix (Belt)	●	●	●
Römer King Plus (Belt)	●	●	●
Römer Duo Plus (ISOFIX)	✘	●	●
Römer KidFix (Belt)	●	●	●
Maxi Cosi Cabriofix & EasyFix (Belt)	●	●	●
Maxi Cosi Cabriofix & EasyFix (ISOFIX)	✘	●	●
BeSafe iZi Kid X3 ISOfix (ISOFIX)	✘	✘	✘
Maxi Cosi Pearl & Familyfix (ISOFIX)	✘	●	●
Römer KidFix (ISOFIX)	✘	●	●

● Install without problem
 ● install with care
 ● safety critical problem
 ✘ Installation not allowed


Comments on Child Occupant

The Ypsilon scored maximum points for its protection of the 1½ and 3 year dummies in the full-scale crash tests. Both child dummies were sat in rearward-facing restraints. In the side barrier impact, both were properly contained within the protective shells of their restraints, minimising the likelihood of head contact with parts of the vehicle interior. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag is not sufficiently clear and the system was not rewarded. All of the restraint types for which the Ypsilon is designed could be correctly installed and accommodated in the car.

 PEDESTRIAN PROTECTION

Total 23.3 Pts / 64%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian Protection	23.3 Pts						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">14.9 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">2.4 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table>	Head Impact	14.9 Pts	Pelvis Impact	2.4 Pts	Leg Impact	6 Pts
Head Impact	14.9 Pts						
Pelvis Impact	2.4 Pts						
Leg Impact	6 Pts						

Comments on Pedestrian

The bumper scored maximum points for the protection provided to pedestrians' legs, with good results at all test locations. Protection of the pelvic region was more mixed, results ranging from poor to good. Test results on the bonnet surface showed predominantly adequate or marginal protection for the head of a struck pedestrian, with poor results recorded both along the base of the windscreen and along the stiff windscreen pillars.

 SAFETY ASSIST

Total 5 Pts / 38%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance 0 Pts

Electronic Stability Control 3 Pts

PERFORMANCE

Seat Belt Reminder 2 Pts

Applies To	Front seats		
	Driver Seat	front passenger(s)	rear passenger(s)
Warning			
Visual	●	●	—
Audible	●	●	—

● Pass
 ● Fail
 — Not available

Lane Support 0 Pts



SAFETY ASSIST

Total 5 Pts / 38%

Comments on Safety Assist

The Ypsilon has electronic stability control as standard, together with a seatbelt reminder for the front seats. A reminder system for the rear seats is available as an option, so it did not qualify for assessment. The Ypsilon does not have autonomous emergency braking, speed assistance or a lane assistance system.