Crash Tests

New Car Safety

Mitsubishi Lancer

07/2003 on 06/2007 - Dual Frontal

Overall Evaluation



Overall Score **20.58 out of 37**
Variant: 4 Dr Sedan
Engine: 2 Litre
Category: Small Car

High risk of life-threatening chest injury in side impact crash test.

Model History and Safety Features

The updated MITSUBISHI LANCER was introduced in Australia in 2003.

Dual front airbags are standard equipment. ABS brakes are available as an option on most variants.
The front seat belt buckles are mounted on the seats and the upper anchorages are adjustable. These features improve the fit of the seat belt. Pretensioners are fitted to the front seat belts to reduce slack in the event of a crash. A three point seat belt is fitted to the centre rear seat. This provides better protection than a two point seat belt.

Overall Evaluation: 3

The MITSUBISHI LANCER scored 10.03 out of 16 in the offset crash test. The passenger compartment held its shape reasonably well in the offset crash test except for the footwell. Protection from serious chest and leg injury was marginal for the driver.

The vehicle scored 10.55 out of 16 in the side impact crash test. Protection from serious chest injury was poor for the driver.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4pts, chest 2.25pts, upper legs 2.14pts, lower legs 1.64pts.

The passenger compartment held its shape well in the offset crash test. The front part of the driver's floor was pushed rearwards 160mm and there was a long split between the floor and the door sill. The brake pedal moved rearwards by 86mm and upwards 13mm, relative to the driver's seat. The dash moved 100mm towards the driver. The steering wheel mounts broke away by design and this made it difficult to estimate steering column intrusion so no modifiers were applied. The front (A) pillar moved 72mm rearwards. The width of the driver's doorway shortened by 71mm. All doors remained closed during the crash. After the crash tools were required to open the driver's door.

The airbag cushioned the head of the driver and contact was stable. During the crash a metal bracket behind the dash bent downwards and exposed a sharp edge which was a hazard to the driver's right knee. The knee slider measurement was high for this knee, indicating a potential for knee injury. The passenger's head was cushioned by the airbag.

Side Impact Crash Test

Body region scores out of 4 points each: Head 4pts, chest 0pts, abdomen 3.79pts, pelvis 3.24pts.

Protection from serious chest injury was poor for the driver.

The vehicle was not eligible for a pole impact test since it did not have head-protecting side airbags. This test can earn eligible vehicles an extra two points.

Pedestrian rating (v4)



17.04 points out of 36.
Child head impacts 5.13pts;
Adult head impacts 4.92pts;
Upper leg 3.47pts and lower leg impacts 3.52pts.

Offset crash test at 64km/hr



Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v4)		Side Impact Crash Test aa 50km/h (v4)
	Driver	Passn	Driver
Head			
- HIC	493	332	200
- Acceleration (g for 3ms)	52.1	43.3	60.4
Neck			
- Shear (kN)	0.24		
- Tension (kN)	1.6	1.21	
- Extension (Nm)	8.8	9.5	
Chest			
- Acceleration (g for 3ms)	38.4	30.7	
- Compression (mm)	34.26	26.9	42.6
- Viscous Criterion (m/s)	0.14	0.08	0.84
Abdomen			
- Force (kN)			1.08
Pelvis			
- Force (kN)			3.57
Upper Legs Force (kN)			
- Left	1.72	1.45	
- Right	4.1	1.99	
Knee Displacement (kN)			
- Left	4.47	4.89	
- Right	10.19	8.25	
Lower Legs Force (kN)			
- Left	2.65	1.46	
- Right	2.42	2.08	
Index (Upper | Lower)			
- Left	0.58 | 0.93	0.39 | 0.28	
- Right	0.53 | 0.62	0.37 | 0.35	

Bonus points (maximum 5)
Pole Test: Zero points
Seat Belt Reminders: None fitted - zero points

Modifiers for offset test scores

Head		No deduction
Chest		No deduction
Upper leg		No deduction
Lower leg		No deduction
Foot score	Footwell rupture	Score 3 pts
Structure		No deduction

Modifiers for side impact test scores

Head	Not assessed
Chest	Not assessed
Upper leg	Not assessed
Lower leg	Not assessed
Foot score	Not assessed
Structure	Not assessed

ANCAP Crash testing for safety

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