

# Crash Test Results

## New Car Safety

### MITSUBISHI OUTLANDER (LHD)

2008 on Dual front airbags



Offset crash test at 64km/h

#### FRONTAL OFFSET CRASH TEST (v4.1)

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.35 pts, upper legs 3 pts, lower legs 2.93 pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 67 mm. The clutch pedal moved downwards 6mm. The steering wheel hub moved rearwards 18 mm, upwards 21 mm and sideways 15 mm. The front ("A") pillar moved 4 mm rearwards. All doors remained closed during the crash. After the crash all doors opened with normal effort.

The airbag cushioned the head of the driver and contact was stable. Steering column and dash components were a potential source of injury for the driver's knees. The passenger's head was cushioned by the airbag. The glovebox and surrounds were a potential knee injury hazard for the passenger. However, due to a different design from the LHD European model, ANCAP did not apply a concentrated load modifier to the glove box region.

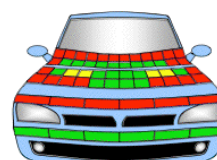
#### SIDE IMPACT CRASH TEST (v4.1)

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

The side impact test normally used by ANCAP simulates a small car striking the driver's door of the vehicle under test. It is based on a regulation test but the regulation does not apply to vehicles with a high seat height like the Outlander. Experience shows that such vehicles can be expected to perform well in this test so ANCAP has decided to award full score for these vehicles instead of conducting a crash test.

#### PEDESTRIAN PROTECTION RATING (v4.1)

PEDESTRIAN PROTECTION		Child head impacts	6.82
 Tested by Euro NCAP	Adult head impacts	4.5	
	Upper leg impacts	Zero	
	Lower leg impacts	6	
	Total (out of 36)	17.32	



**Occupant Protection Score** 31.29 out of 37

Variant: 7-seater LHD Eng: 2 litre diesel  
 Kerb weight: 1550 kg Category: 4WD - COMPACT  
 Vehicles built: 2007

**Important note:** The diesel left-hand-drive European model was tested by Euro NCAP. Australasian specifications may vary and therefore models sold in Australasia might provide different levels of protection to those described on this page. The design of the glove box differs with the Australian model and this is taken into account in the following assessment.

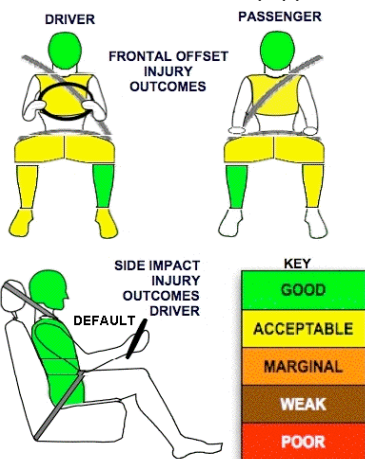
#### Model History and Safety Features

The tested model of Mitsubishi Outlander was introduced in Australia in late 2006.

Dual front airbags and antilock brakes (ABS) with electronic brake distribution (EBD) are standard. Side airbags and head-protecting side curtains are standard on all 7-seat variants and the 5-seat VRX and are optional on other variants. Electronic stability control (ESC) is standard on all variants from model-year 2008 and was standard on V6 variants from 2006. Intelligent seat belt reminders are fitted to both front seats. 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 (lap) seat belt.

#### OCCUPANT PROTECTION: 4 Stars

The Mitsubishi Outlander scored 13.29 out of 16 in the offset crash test. The passenger compartment held its shape well. There was a slight risk of serious chest and leg injury for the driver and passenger. ANCAP awarded the non-curtain model a default score of 16 out of 16 in the side impact crash test. A separate ANCAP rating is available for the curtain-equipped Outlander.



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# TECHNICAL DATA - MITSUBISHI OUTLANDER WITHOUT CURTAINS 2008 on

## INJURY MEASUREMENTS

Body region	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
	Driver	Passenger	Driver
<b>Head</b> HIC	216	144	Default scored awarded by ANCAP
Acceleration (g for 3ms)	39.0	32.8	
<b>Neck</b> - Shear (kN)	0.56	0.61	
Tension (kN)	1.34	0.90	
Extension (Nm)	17.8	20.0	
<b>Chest</b> Accln (g for 3ms)	-	-	
Compression (mm)	26.53	22.13	
Viscous criterion (m/s)	0.09	0.09	
<b>Abdomen</b> - Force (kN)	-	-	
<b>Pelvis</b> - Force (kN)	-	-	
<b>Upper legs</b> Force (kN)			
Left	0.00	2.87	
Right	0.25	0.99	
Knee displ (mm)			
Left	0.00	4.90	
Right	0.00	0.50	
<b>Lower legs</b> Force (kN)			
Left	1.24	2.50	
Right	2.66	1.41	
Index (Upper/Low)			
Left	0.38 /0.26	0.37 /0.38	
Right	0.42 /0.64	0.34/0.28	

### Bonus points (maximum 5)

Pole Test: Variant without curtain airbags not eligible

Seat belt reminders: 2 (see table below for details)

### Modifiers - deductions from offset test scores

Head No deduction

Chest No deduction

Upper leg Variable & conc. loading 1 pt deduction Left & Right  
for driver and passenger

Lower leg No deduction

Foot score Blocked pedal Score 3.92 points



### Modifiers - deductions from side impact test scores

Default score awarded

### Safety features

These specifications are subject to change. Please check with manufacturer for the latest specifications.

Driver airbag	S	Antilock (ABS) brakes / Electronic brake distribution	S/S
Passenger front airbag	S	Electronic stability control (ESC, VSC, DSC, ESP, VSA)	S (MY08)*
Side airbags, front seats - chest protection	O	3 point centre rear seat belt	S
Side airbags, front seats - head protection	O	Active head restraints - front seats	
Side airbags, rear seats - head protection	O	Intelligent seat belt reminder - driver	S
Driver knee airbag	X	Intelligent seat belt reminder - front passenger	S
Front seat belt pretensioners	S	Rear seat belt status indicator	X

\* ESC standard on V6 variants from 2006

Key:

S = standard on all variants

O = optional on base variant. May be standard on higher variants

V= not available on base variant but standard or optional on higher variants

X = not available on any variant