

# ANCAP Safety Rating MITSUBISHI ASX (From 2010)



## Test Vehicle(s).

Variant:	Manual FWD
Kerb Mass:	1360 kg
Built:	2010
Engine:	2.0 petrol
Category:	COMPACT SUV
Variant Applicability*:	Applies to all variants



Frontal offset test at 64 km/h

Airbags	ESC	Frontal Offset	Side Impact	Pole	Whiplash	Pedestrian	Seat Belt Reminders	Overall Score	ANCAP Safety Rating
Frontal + Side + Head + Knee	Standard	14.13 (out of 16)	16.00 (out of 16)	2 (out of 2)	NOT RATED	ACCEPTABLE	2 (out of 3)	34.13 (out of 37)	★★★★★

The Mitsubishi ASX was introduced in Australia and New Zealand in 2010. This ANCAP safety rating applies to all variants including all-wheel-drive.

Dual frontal, side chest and side head airbags (curtains) and a driver knee airbag are standard. Antilock brakes (ABS), electronic brake distribution (EBD) and electronic stability control (ESC) are also standard. Advanced seat belt reminders are fitted to both front seats.

In the offset crash test driver chest protection was acceptable, leg protection was marginal, and foot protection was acceptable. Protection for the driver was good in the side impact test. Head protection in the side pole test was also good.

## OCCUPANT PROTECTION

### Frontal Offset Test.

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	3.90 points
Upper legs:	4.00 points
Lower legs:	2.22 points

The passenger compartment held its shape well in the offset crash test. However the clutch pedal moved rearwards excessively. After the crash all doors could be opened with normal effort. The airbag cushioned the head of the driver and contact was stable. The knee airbag protected the driver's knees.

### Side Impact Test.

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points

Good protection was provided for the driver in the side impact test. The side airbags performed well.

### Pole Test.

Scored out of 2 points

The vehicle was eligible for a side pole test because it has side curtain airbags. The vehicle scored the maximum 2 points for head protection in this test.

### Whiplash Protection Test.

Whiplash protection is assessed to the RCAR Protocol

Not rated

### Injury Outcomes.

Frontal Offset Driver



Passenger



Side Impact & Pole Driver



## PEDESTRIAN PROTECTION

### Pedestrian Test.

**ACCEPTABLE - Scored 21.570 out of 36 points**

Child head impacts:	9.07 points
Adult head impacts:	8.50 points
Upper leg impacts:	0.00 points
Lower leg impacts:	4.00 points

Tested by Euro NCAP in 2011. The bumper offered good protection to pedestrians' legs in most areas, but was poor in places. The front edge of the bonnet scored and was poor in all areas tested. In most areas likely to be hit by the head of a child, the bonnet provided good protection. Likewise, the bonnet offered good protection in almost all areas likely to be hit by an adult's head.



Mitsubishi ASX

(Tested by Euro NCAP v5.3)

## SAFETY FEATURES (2013)

These specifications are subject to change. Please check with manufacturer for the latest specifications. For a description of these safety features and safety rating requirements see the ANCAP Rating Road Map.

Safety Assist Technology (SAT)	Availability
Front airbag - driver	S
Front airbag - passenger	S
Side airbags (chest protection) - front seats	S
Side airbags (head protection) - front seats	S
Side airbags (head protection) - 2nd row seats	S
Knee airbag - driver	S
Three-point seat belts for all forward facing seats	S
Seat belt pretensioners (front / rear outboard)	S / X
Intelligent seat belt reminder - driver	S
Intelligent seat belt reminder - front passenger	S
Intelligent seat belt reminder - 2nd row seats	X
Head restraints for all seats	S
Antilock brakes (ABS)	S
Electronic brake distribution (EBD)	S
Emergency brake assist (EBA)	S
Electronic stability control (ESC)	S
Adaptive cruise control (ACC)	X
Autonomous emergency braking (AEB)	X
Lane support system	X
Hill launch assist	S
Reversing collision avoidance	0

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.

## INJURY MEASUREMENTS

Body Region	Frontal offset test at 64 km/h (v5.1)		Side impact test at 50 km/h (v5.1)
	Driver	Passenger	Driver
<b>Head</b>			
HIC	224.00	143.00	37.00
Acceleration (g for 3ms)	35.10	29.50	24.10
<b>Neck</b>			
Shear (kN)	0.38	0.57	-
Tension (kN)	1.12	0.64	-
Extension (Nm)	12.80	14.30	-
<b>Chest</b>			
Acceleration (g for 3ms)			-
Compression (mm)	22.67	20.00	9.30
Viscous criterion (m/s)	0.06	0.07	0.03
<b>Abdomen</b>			
Force (kN)	-	-	0.62
<b>Pelvis</b>			
Force (kN)	-	-	1.68
<b>Upper legs</b>			
Femur force left (kN)	1.06	0.34	
Femur force right (kN)	1.23	0.69	
Knee displacement left (mm)	1.39	0.23	
Knee displacement right (mm)	0.53	0.13	
<b>Lower legs</b>			
Force left (kN)	2.54	1.34	
Force right (kN)	2.13	1.06	
Index (upper / lower) left	0.41 / 0.80	0.36 / 0.23	
Index (upper / lower) right	0.32 / 0.43	0.27 / 0.19	

## INTRUSION MEASUREMENTS

### Steering Column

Forwards:	22mm
Downwards:	33mm
Sideways:	13mm

### Pedals

Clutch (rearwards):	112mm
Clutch (upwards):	69mm
A-Pillar (rearwards):	1mm

## SCORE DEDUCTIONS

### Deductions from frontal offset test scores

Excessive clutch pedal rearward movement (112mm): 0.48 points from foot score  
 Blocked brake pedal: .207 points from foot score

Note: Steering column and pedal movements are measured relative to the driver's seat.

### Deductions from side impact test score

No deductions for side impact test.

### Deductions from pole test score

No deductions for pole test.

\* For information about the application of ANCAP ratings to model variants see the ANCAP Variant Policy. In brief, ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model.

^ Refer ANCAP Rating Road Map ([www.ancap.com.au/media](http://www.ancap.com.au/media)).

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