

# Crash Test Results

## New Car Safety

### CHERY J11\*

From 2011 Dual front airbags

\* Interim rating, pending side impact test



**Occupant Protection Score Pending**

Variant: - Eng: 2 litre petrol  
 Kerb mass: 1380 kg Category: SUV - COMPACT  
 Vehicle built: 2011

#### Model History and Safety Features

The tested model of Chery J11 was introduced in Australia during 2011.

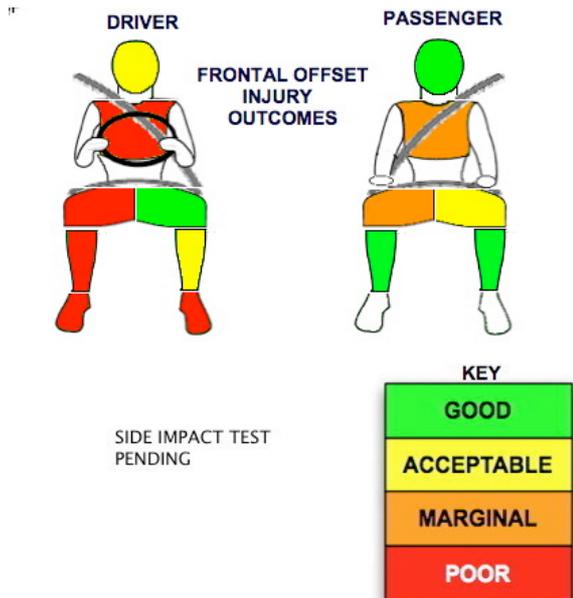
Dual front airbags and antilock brakes (ABS) with electronic brake distribution (EBD) are standard. Electronic stability control (ESC) is not available.

#### OCCUPANT PROTECTION: 2 Stars\*

The Chery J11 scored just 2 out of 16 in the offset crash test. The passenger compartment lost structural integrity and there was excessive pedal displacement. Protection from serious chest, leg and foot injury was poor for the driver.

ANCAP had planned to conduct a side impact test but was advised by the manufacturer that a recall campaign had been initiated that would affect the side impact protection. Due to the delays resulting from the recall campaign and concerns about poor performance in the offset test ANCAP has decided to publish an interim rating based on the maximum score that the vehicle could achieve in the side impact test.

A vehicle needs to score at least 4.5 in the offset test to do better than a 2 star rating. Therefore the J11 has been assigned an interim rating of 2 stars.



Offset crash test at 64km/h

#### FRONTAL OFFSET CRASH TEST

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

The passenger compartment lost structural integrity in the offset crash test. The brake pedal moved rearwards by 138mm. The clutch pedal moved upwards 103mm. The steering wheel hub moved 138mm rearward, 58mm upward and 11mm sideways. The front ("A") pillar moved 133 mm rearwards. A gap between the window frame and door frame posed a risk of partial ejection for the driver. After the crash tools were required to open the driver's door. 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. Dash and console components were a knee hazard for the passenger.

#### SIDE IMPACT CRASH TEST: Pending

ANCAP has temporarily assigned a score of 16 (the maximum possible), pending a side impact test of a vehicle with upgraded side impact protection.

The actual side impact protection score might be worse than 16 but is unlikely to result in a lower overall star rating.

#### PEDESTRIAN PROTECTION: Poor

The Chery J11 performed poorly in all areas tested. There are many improvements that could be made that would result in a better performance for this vehicle.

PEDESTRIAN PROTECTION	Child head impacts	Zero
<b>POOR</b>	Adult head impacts	Zero
	Upper leg impacts	Zero
	Lower leg impacts	Zero
	Total (out of 36)	Zero
	v5.3	



Child and adult head impact



Adult leg impact (upper and full legforms)

pass marginal fail

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 J11\_11.DOC  
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# TECHNICAL DATA - CHERY J11 - From 2011

## INJURY MEASUREMENTS

Body region	Offset Crash Test at 64km/h (v4.2)		Side Impact Crash Test at 50km/h
	Driver	Passenger	Driver
Head HIC	582	356	Pending
Acceleration (g for 3ms)	58.7	48.3	
Neck - Shear (kN)	0.47	0.56	
Tension (kN)	2.14	1.56	
Extension (Nm)	15.8	6.3	
Chest Accln (g for 3ms)	49.800	34.100	
Compression (mm)	38.80	32.70	
Viscous criterion (m/s)	0.21	0.13	
Abdomen - Force (kN)	-	-	
Pelvis - Force (kN)	-	-	
Upper legs Force (kN)			
Left	0.26	0.46	
Right	2.64	2.00	
Knee displ (mm)			
Left	1.54	0.98	
Right	15.37	3.61	
Lower legs Force (kN)			
Left	1.11	1.24	
Right	1.67	1.09	
Index (Upper/Low)			
Left	0.32 /0.30	0.21 /0.19	
Right	1.07 /2.09	0.25/0.18	

### Bonus points (maximum 5)

Pole Test: Not eligible

Seat belt reminders: None (see table below for details)

### Modifiers - deductions from offset test scores

Head	Steer column movement	1 pt deduction
Chest	Loss of structure, a-pillar displacement	2 pt deduction
Upper leg	Variable & conc. loading	2 pt deduction
	Driver	1 pt L & 2 pts R
	Passenger	1 pt L & 2 pts R
Lower leg	Clutch pedal vertical displac.	1 pt deduction
Foot score	Brake pedal horiz displac.	Score zero points
Door opening	modifier (excessive gap)	1 pt deduction

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

### Modifiers - deductions from side impact test scores

Test pending

### 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 / Brake Assist	S/S/X
Passenger front airbag	S	Electronic stability control (ESC, VSC, DSC, ESP, VSA)	X#
Side airbags, front seats - chest protection	X	3 point centre rear seat belt	S
Side airbags, front seats - head protection	X	Whiplash rating	Pending
Side airbags, rear seats - head protection		Intelligent seat belt reminder - driver	X
Driver knee airbag	X	Intelligent seat belt reminder - front passenger	X
Seat belt pretensioners (Front/rear outboard)	S/X	Intelligent seat belt reminder - rear seats	X

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

# ESC required by ANCAP for 5 star rating from 2008

