

# ANCAP Safety Rating JEEP CHEROKEE (From 2014)



## Test Vehicle(s).

Variant:	Longitude 2.0 litre diesel LHD
Kerb Mass:	1790 kg
Built:	2013
Engine:	2.0 diesel
Category:	LARGE SUV
Variant Applicability*:	Only applies to AWD with 2 litre diesel



Frontal offset test at 64 km/h (Euro NCAP)

Airbags	ESC	Frontal Offset	Side Impact	Pole	Whiplash	Pedestrian	Seat Belt Reminders	Overall Score	ANCAP Safety Rating
Frontal + Side + Head + Knee	Standard	15.16 (out of 16)	16.00 (out of 16)	2 (out of 2)	GOOD	ACCEPTABLE	3 (out of 3)	36.16 (out of 37)	★★★★★

The tested model of Jeep Cherokee was introduced in Australia and New Zealand in 2014. This ANCAP safety rating only applies to all-wheel-drive variants with a 2 litre diesel engine. Other variants are unrated.

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 all seats.

In the offset crash test driver and passenger chest protection was acceptable. In the side impact crash test driver protection was good. 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:	3.16 points
Upper legs:	4.00 points
Lower legs:	4.00 points

The passenger compartment held its shape well in the offset test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. All doors remained closed during the crash.

### 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

As expected with a high-seat vehicle like the Cherokee, good protection was provided for the driver in the side impact test.

### 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

Geometric test:	Good
Dynamic test:	Good

Overall whiplash rating: Good

Tests conducted by Insurance Institute for Highway Safety

### Injury Outcomes.

Frontal Offset Driver



Passenger



Side Impact & Pole Driver



### Whiplash



## PEDESTRIAN PROTECTION

### Pedestrian Test.

**ACCEPTABLE** - Scored 24.47 out of 36 points

Child and adult head impacts: 16.87 points  
 Upper leg impacts: 1.60 points  
 Lower leg impacts: 6.00 points

The bumper provided good protection to pedestrians' legs in all areas tested, and scored maximum points. However, the front edge of the bonnet showed poor levels of protection to the pelvis region in most test locations. The bonnet surface gave mixed results, with good and adequate performance in many areas and poor results primarily around the stiff windscreen pillars. (Tested by Euro NCAP v6.0)



Jeep Cherokee



## SAFETY FEATURES

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	S
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)	O
Autonomous emergency braking (AEB)	V
Lane support system	O
Automatic headlights	V
Blind spot monitoring	V
Daytime running lights	S
Hill launch assist	S
Reversing collision avoidance	O
Roll stability system	S
Trailer stability control	S
Tyre pressure monitoring	S

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	348.00	336.00	21.00
Acceleration (g for 3ms)	47.40	48.10	17.50
<b>Neck</b>			
Shear (kN)	0.43	0.84	-
Tension (kN)	1.36	0.55	-
Extension (Nm)	12.90	26.30	-
<b>Chest</b>			
Acceleration (g for 3ms)			-
Compression (mm)	23.41	27.89	12.46
Viscous criterion (m/s)	0.08	0.15	0.04
<b>Abdomen</b>			
Force (kN)	-	-	0.27
<b>Pelvis</b>			
Force (kN)	-	-	0.85
<b>Upper legs</b>			
Femur force left (kN)	0.45	0.27	
Femur force right (kN)	0.48	0.20	
Knee displacement left (mm)	1.06	0.87	
Knee displacement right (mm)	0.96	0.12	
<b>Lower legs</b>			
Force left (kN)	1.60	0.92	
Force right (kN)	1.17	1.53	
Index (upper / lower) left	0.36 / 0.21	0.24 / 0.30	
Index (upper / lower) right	0.36 / 0.40	0.34 / 0.29	

### INTRUSION MEASUREMENTS

#### Steering Column

Forwards:	21mm
Downwards:	23mm
Sideways:	12mm

#### Pedals

Brake (rearwards):	37mm
Brake (downwards):	14mm

A-Pillar (rearwards):	0mm
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### SCORE DEDUCTIONS

#### Deductions from frontal offset test scores

No deductions for offset test

#### 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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