

TEST RESULTS

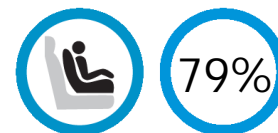
Jeep Cherokee

Jeep Cherokee 2.0 diesel 'Longitude', LHD

2013



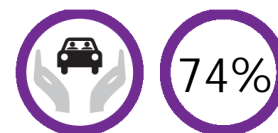
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 33 pts | 92%

FRONTAL IMPACT

15,2 pts



Driver



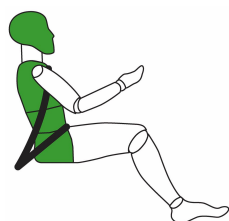
Passenger

SIDE IMPACT CAR

8 pts

SIDE IMPACT POLE

7,5 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,5 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	none
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	Brake - 37mm
Upward pedal movement	none

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 6 way manual
Head restraint type	Passive
Geometric assessment	1 pts

TESTS

- High severity	0 pts
- Medium severity	2,4 pts
- Low severity	2,5 pts

CHILD OCCUPANT

Total 39 pts | 79%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint FAIR G0/1S
Facing rearward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint FAIR G0/1S
Facing forward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

Safety features score **3 pts**
Installation check score **12 pts**

Pass Install without problem
Partial Fail Install with care
Fail Safety critical problem
Exempt Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
FAIR G0/1 (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
FAIR G0/1 (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A

PEDESTRIAN

Total 24 pts | 67%



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

HEAD	16,9 pts
PELVIS	1,6 pts
LEG	6 pts

SAFETY ASSIST

Total 7 pts | 74%

SPEED ASSISTANCE SYSTEM 0,7 pts

Standard	
Speed Information	
Speed Assistance (Manual)	Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESC	Pass
Yaw rate ratio (1.00s)	1,96 %
Yaw rate ratio (1.75s)	2,34 %
Lateral displacement (1.07s)	2,91 m

SEATBELT REMINDER 3 pts

- driver and passenger	Pass
- rear	Pass

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Jeep Cherokee 2.0 diesel 'Longitude', LHD
Body type	5 door SUV
Year of publication	2013
Kerb weight	1788kg
VIN from which rating applies	applies to all Cherokees of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners

Front seatbelt load limiters

Driver frontal airbag

Front passenger frontal airbag

Side body airbags

Side head airbags

Driver knee airbag

Speed Limitation Assistance

Electronic Stability Control

Seatbelt Reminder

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. Jeep showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the side impact barrier test, the Cherokee scored maximum points with good protection of all body regions. In the more severe side impact pole test, protection of the chest was adequate and that of other body regions was good. The seats and head restraints provided marginal protection against whiplash injuries in the event of a rear-end collision.

Child occupant

Based on dummy readings in the dynamic tests, the Cherokee scored maximum points for its protection of both the 3 year and the 1½ year infants. Forward movement of the 3 year dummy, sat in a forward-facing restraint, was not excessive and, in the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the likelihood of dangerous head contact with parts of the car interior. The airbag for the front passenger seat cannot be disabled so a rearward-facing child restraint should not be used in that seating position. The labels warning of the dangers of doing so were not permanently attached to the sun visor, so did not meet Euro NCAP's requirements. All the types of child restraints for which the car is designed could be properly installed and accommodated in the vehicle.

Pedestrian

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.

Safety assist

Electronic stability control is standard equipment on all Jeep Cherokees, and the system met Euro NCAP's test requirements. The car also has a standard-fit seatbelt reminder system covering the front and rear seats. A driver-set warning-only speed assistance system is standard and met the test requirements for systems of that type.