Jeep



Jeep Cherokee Standard Safety Equipment







SPECIFICATION

Tested Model	Jeep Cherokee 2.2 diesel ESS 'Limited', LHD
Body Type	- 5 door SUV
Year Of Publication	2019
Kerb Weight	1906kg
VIN From Which Rating Applies	- all 2.2 diesel Jeep Cherokees
Class	Small Off-Road

SAFETY EQUIPMENT

DriverPassengerRearFRONTAL CRASH PROTECTIONImage: State of the state of th



SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix		×	٠
Integrated CRS		×	×
Airbag cut-off switch		×	_
SAFETY ASSIST			
Seat Belt Reminder	•		٠

OTHER SYSTEMS	
Active Bonnet (Hood)	×
AEB Pedestrian	•
AEB Cyclist	×
AEB City	•
AEB Inter-Urban	•
Speed Assistance System	•
Lane Assist System	

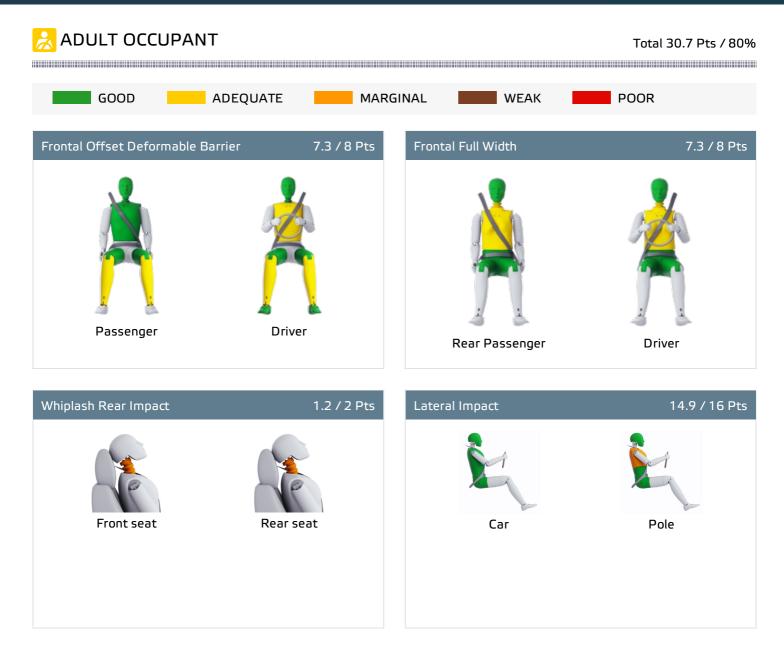
Note: Other equipment may be available on the vehicle but was not considered in the test year.

- Fitted to the vehicle as standard
- O Not fitted to the test vehicle but available as option or as part of the safety pack

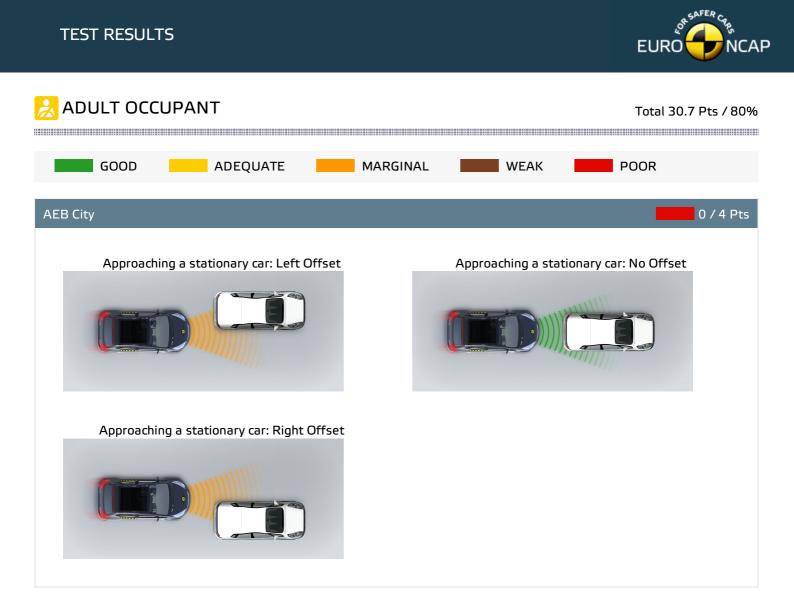
— Not applicable

🗙 Not available





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<u> ADULT OCCUPANT</u>

Total 30.7 Pts / 80%

Comments

The passenger compartment of the Cherokee remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of both driver and passenger. Jeep showed that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. In the full-width rigid barrier test, protection of all critical body areas was good or adequate for both the driver and the rear seat passenger. In the side barrier impact, the Cherokee scored maximum points with good protection of all critical parts of the body. In the more severe side pole test, dummy readings of rib compression indicated marginal protection of the chest.

Tests on the front seats and head restraints demonstrated marginal protection against whiplash injuries in the event of a rearend collision. A geometric assessment of the rear seats also indicated marginal whiplash protection. The Cherokee has, as standard, an autonomous emergency braking (AEB) system which operates at the low speeds, typical of city driving, at which many whiplash injuries occur. Tests of this functionality showed poor performance, the system failing to mitigate collisions at speeds below 20km/h in some scenarios. In any case, the car was not eligible for points for this technology owing to the marginal rating for its dynamic whiplash performance.







Restraint for 6 year old child: *Britax Römer KidFix XP* Restraint for 10 year old child: *Booster Cushion* Safety Features

4 / 13 Pts

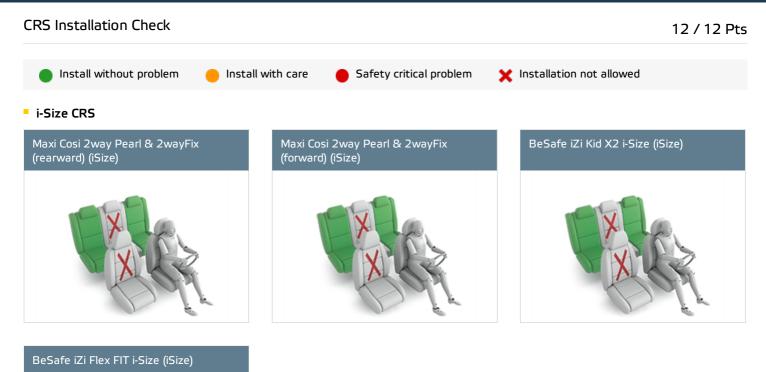
	Front Passenger	2nd row outboard	2nd row center
Isofix	×	•	×
i-Size	×	•	×
Integrated CRS	×	×	×

Fitted to test car as standard

Not on test car but available as option

🗙 Not available







ISOFIX CRS





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🔄 CHILD OCCUPANT

Total 38.3 Pts / 78%

Universal Belted CRS



Britax Römer KidFix XP (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)







💪 CHILD OCCUPANT

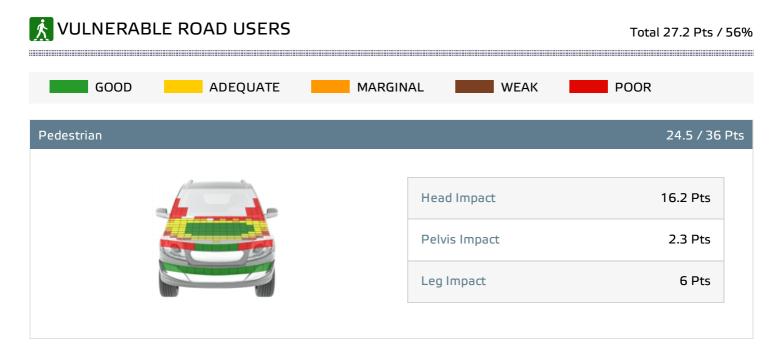
Total 38.3 Pts / 78%

		Seat Position		
		2nd row		
	LEFT	CENTER	RIGHT	
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	•		•	
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	•		•	
BeSafe iZi Kid X2 i-Size (iSize)	•		•	
BeSafe iZi Flex FIT i-Size (iSize)			•	
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	•		•	
BeSafe iZ Kid X4 ISOfix (ISOFIX)	•		•	
Britax Römer Duo Plus (ISOFIX)	•		•	
Britax Römer KidFix XP (ISOFIX)	•		•	
Maxi Cosi Cabriofix (Belt)	•		•	
Maxi Cosi Cabriofix & EasyBase2 (Belt)	•		•	
Britax Römer King II LS (Belt)	•	•	•	
Britax Römer KidFix XP (Belt)		•		

Comments

In the frontal offset test, dummy readings of neck tension in the 10-year dummy indicated weak protection. Protection of other critical body areas was good or adequate for both dummies. In the side barrier test, protection was good all-round. The front passenger airbag cannot be disabled so rearward-facing child restraints should not be used in this seating position. All restraint types for which the Cherokee is designed could be properly installed and accommodated in the car.





Vulnerable Road Users	2.6 / 12 Pts
System Name	Pedestrian Emergency Braking
Туре	Auto-Brake with Forward Collision Warning
Operational From	2 km/h

Comments

The bonnet provided good or adequate protection at nearly all points on the bonnet surface, with some poor results recorded at the base of the windscreen and on the stiff windscreen pillars. The bumper provided good protection to pedestrians' legs but protection of the pelvis was mixed, with areas of good and poor protection. The AEB system responds to some vulnerable road users, as well as to other vehicles. In tests of its response to pedestrians, the system showed marginal performance, with collisions avoided or mitigated only in some scenarios. The system does not respond to faster-moving road-users like cyclists.

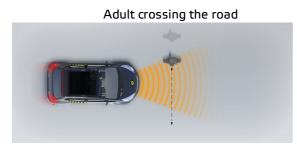


🚶 VULNERABLE ROAD USERS

Total 27.2 Pts / 56%

AEB Pedestrian

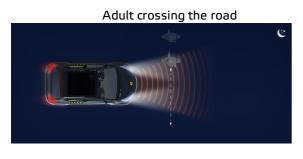
Day time



Adult along the roadside

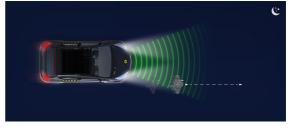


Night time



Adult along the roadside

Child running from behind parked vehicles



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Speed Assistance

System Name	Active Speed Limiter
Speed Limitation Function	Manually set (accurate to 5km/h)

Seat Belt Reminder

2.5 / 3 Pts

1.3 / 3 Pts

SAFER

Applies To	All Seats		
Warning	Driver Seat	front passenger(s)	rear passenger(s)
Visual	٠	•	•
Audible	٠	•	•
Occupant detection	_	•	
🛑 Pass 🛑 Fail 🗕 Not available		1	1

Lane Support

3.3 / 4 Pts

System Name	LaneSense
Туре	ELK + LKA (including LDW)
Operational From	60 km/h
PERFORMANCE	
Emergency Lane Keeping	ADEQUATE
Lane Keep Assist	GOOD
Human Machine Interface	GOOD



SAFETY ASSIST

Total 9.1 Pts / 69%

2.1 / 3 Pts

System Name	Forward Collision Warning Plus
Туре	Autonomous Emergency Braking and Forward Collision Warning
Operational From	1.8 km/h
Additional Information	Supplementary warning

Comments

In tests of its response to other cars at highway speeds, the AEB system demonstrated adequate performance. A seatbelt reminder is standard for the front and rear seats. A lane support system helps to prevent inadvertent drifting out of lane and also intervenes more aggressively in some critical situations. A driver-set speed limiter helps to prevent over-speeding, and is fitted as standard across the range.

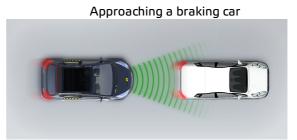
Autobrake function only

Approaching a slower moving car

Approaching a slower moving car







Approaching a slower moving car





Total 9.1 Pts / 69%

Driver reacts to warning

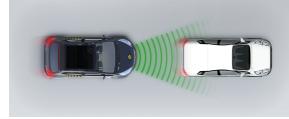




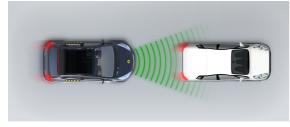
Approaching a stationary car

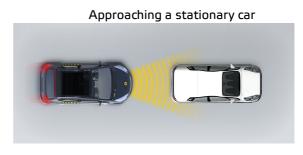


Approaching a slower moving car



Approaching a braking car





Approaching a slower moving car



Approaching a slower moving car





RATING VALIDITY

Variants of Model Range

Body Type	Engine	Drivetrain	Rating Applies	
			LHD	RHD
5 door SUV	2.2 diesel	4 x 2	~	~
5 door SUV	2.2 diesel*	4 × 4	~	~
5 door SUV	2.0 petrol	4 x 4	X 1	X ₁

* Tested variant

1 Additional data required

Annual Reviews and Facelifts

Date	Event	Outcome	
October 2019	Rating Published	2019 🚖 🚖 🚖 🏠	✓