



Jeep Cherokee
Standard Safety Equipment

2019



Adult Occupant



80%

Child Occupant



78%

Vulnerable Road Users



56%

Safety Assist



69%

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 SUV

Rating Expired

SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	●	●	—
Belt pretensioner	●	●	●
Belt loadlimiter	●	●	●
Knee airbag	●	✗	—
SIDE CRASH PROTECTION			
Side head airbag	●	●	●
Side chest airbag	●	●	✗
Side pelvis airbag	●	●	✗

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix/i-Size	—	✗	●
Integrated CRS	—	✗	✗
Airbag cut-off switch	—	✗	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●

SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix/i-Size	—	✗	●
Integrated CRS	—	✗	✗
Airbag cut-off switch	—	✗	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●
OTHER SYSTEMS			
Active Bonnet (Hood)	✗		
AEB Pedestrian	●		
AEB City	●		
AEB Cyclist	✗		
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 ○ Fitted to the vehicle as part of the safety pack
- Not fitted to the test vehicle but available as option or as part of the safety pack ✗ Not available — Not applicable



ADULT OCCUPANT

Total 30.7 Pts / 80%

GOOD

ADEQUATE

MARGINAL

WEAK

POOR

Frontal Offset Deformable Barrier 7.3 / 8 Pts



Passenger



Driver

Frontal Full Width



Rear Passenger



Driver

Whiplash Rear Impact 1.2 / 2 Pts



Front seat



Rear seat

Lateral Impact



Car



Pole

 ADULT OCCUPANT

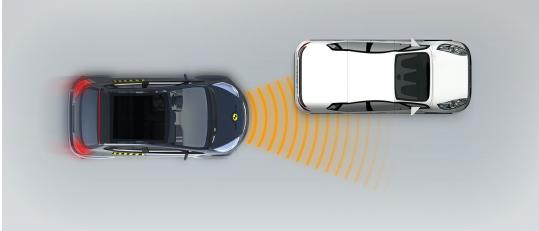
Total 30.7 Pts / 80%

 GOOD ADEQUATE MARGINAL WEAK POOR

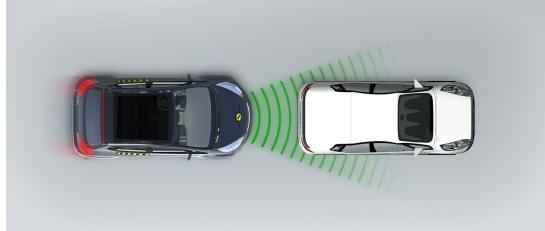
AEB City

0.0 / 4 Pts

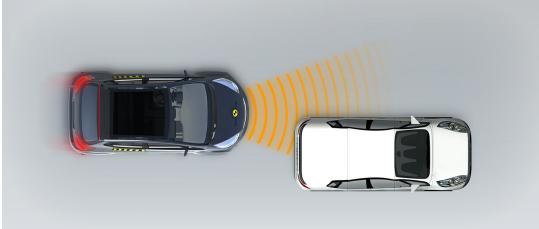
Approaching a stationary car: Left Offset



Approaching a stationary car: No Offset



Approaching a stationary car: Right Offset





ADULT OCCUPANT

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 rear-end 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.


 CHILD OCCUPANT

Total 38.3 Pts / 78%


 GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

22.3 / 24 Pts

Frontal Impact	14.3 Pts	Lateral Impact	8 Pts
			

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

Safety Features

4.0 / 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

CRS Installation Check

12.0 / 12 Pts

● Install without problem ● Install with care ● Safety critical problem ✖ Installation not allowed

■ i-Size CRS

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)



■ ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)



 CHILD OCCUPANT

Total 38.3 Pts / 78%

■ Universal Belted CRS

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.

 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 iZi 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)	●	●	●

 Easy  Difficult  Safety critical  Not allowed — Not available

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

Total 27.2 Pts / 56%



VRU Impact Protection

24.5 / 36 Pts



Head Impact	16.2 Pts
Pelvis Impact	2.3 Pts
Leg Impact	6.0 Pts

Vulnerable Road Users

2.6 / 12 Pts

System Name	Pedestrian Emergency Braking
Type	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.



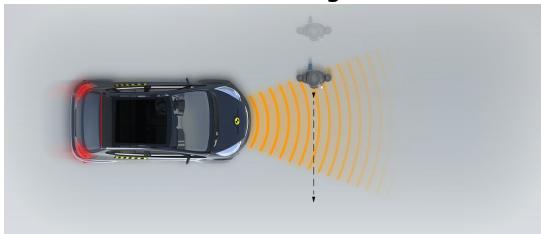
VULNERABLE ROAD USERS

Total 27.2 Pts / 56%

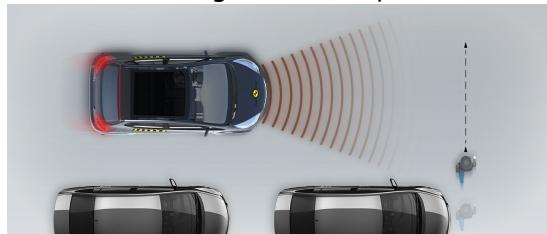
AEB Pedestrian

■ Day time

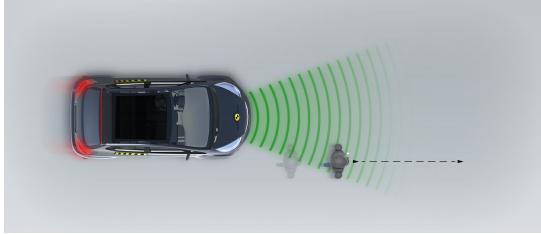
Adult crossing the road



Child running from behind parked vehicles

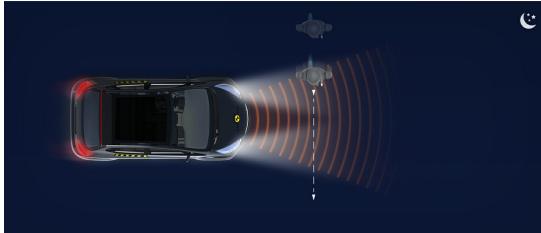


Adult along the roadside



■ Night time

Adult crossing the road



Adult along the roadside



 **SAFETY ASSIST**

Total 9.1 Pts / 69%

 GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR
Speed Assistance
 1.3 / 3 Pts

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

Seatbelt Reminder
 2.5 / 3 Pts

Applies To	All Seats		
	Driver Seat	Front Passenger(s)	Rear Passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●
Occupant Detection	—	●	—

● Pass
 ● Fail
 — Not available
Lane Support
 3.3 / 4 Pts

System Name	LaneSense		
Type	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%

AEB Inter-Urban

 2.1 / 3 Pts

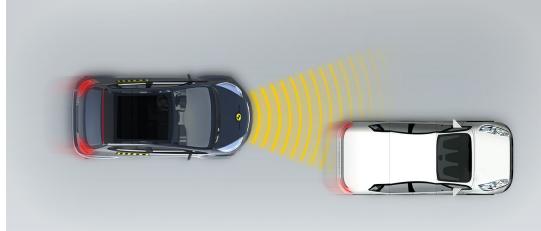
System Name	Forward Collision Warning Plus
Type	Autonomous Emergency Braking and Forward Collision Warning
Operational From	1.8 km/h
Additional Information	Supplementary warning

Comments

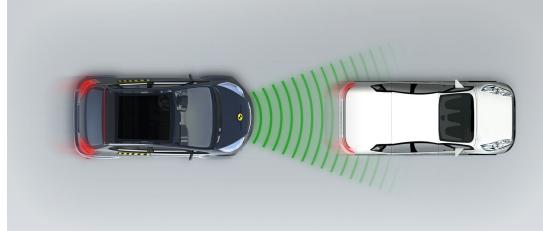
In tests of its response to other cars at highway speeds, the AEB system demonstrated adequate performance. A seatbelt reminder is standard for the front and rear seats. A lane support system helps to prevent inadvertent drifting out of lane and also intervenes more aggressively in some critical situations.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

 Autobrake function only

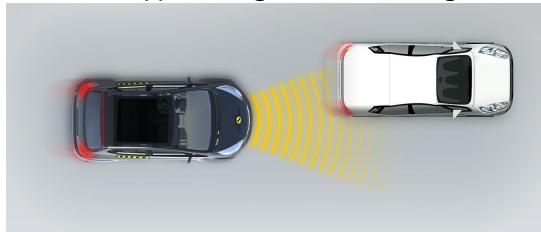
Approaching a slower moving car



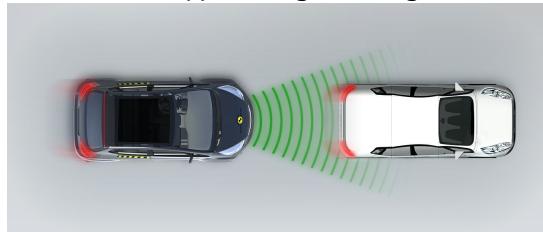
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car

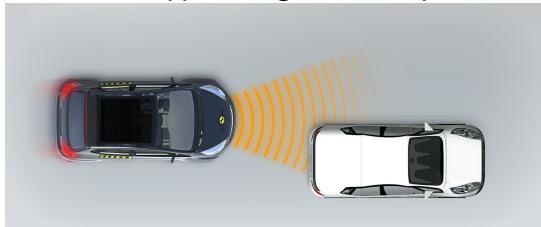


 SAFETY ASSIST

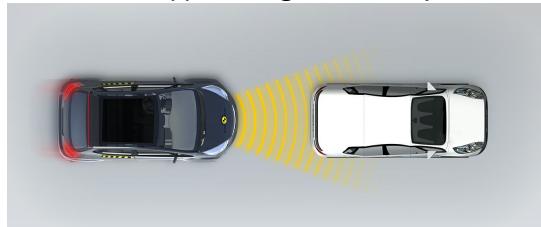
Total 9.1 Pts / 69%

■ Driver reacts to warning

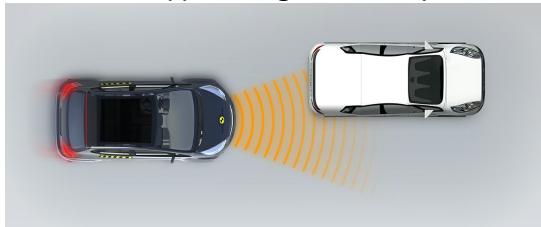
Approaching a stationary car



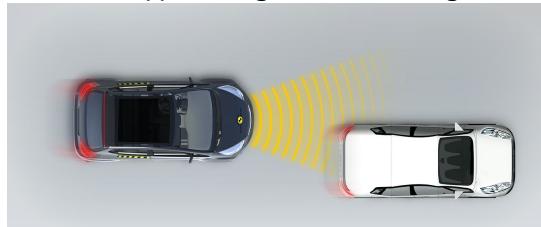
Approaching a stationary car



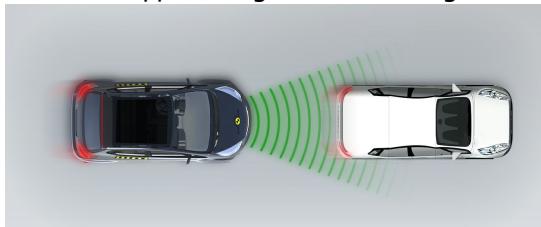
Approaching a stationary car



Approaching a slower moving car



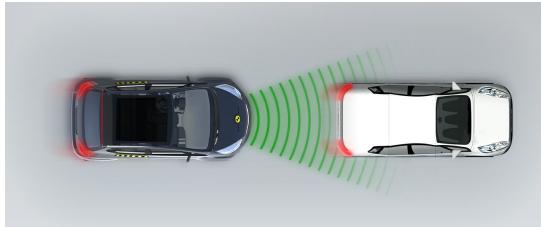
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking 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 x 4	✓	✓
5 door SUV	2.0 petrol	4 x 4	✗ ¹	✗ ¹

* Tested variant

1 Additional data required

Annual Reviews and Facelifts

Date	Event	Outcome
October 2019	Rating Published	2019 ★ ★ ★ ★ ☆ ✓
October 2020	Annual Review	2019 ★ ★ ★ ★ ☆ ✓
October 2021	Annual Review	2019 ★ ★ ★ ★ ☆ ✓