



Jeep Wrangler
Standard Safety Equipment

2018 ★☆☆☆☆



Adult Occupant



50%

Child Occupant



69%

Vulnerable Road Users



49%

Safety Assist



32%

SPECIFICATION

Tested Model	Jeep Wrangler Sahara 4-Door Unlimited
Body Type	- 5 seat
Year Of Publication	2018
Kerb Weight	2089kg
VIN From Which Rating Applies	- all Wranglers
Class	Large Off-Road

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	✗	✗	✗

Version 290519

SAFETY EQUIPMENT (NEXT)

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

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
- 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 19.3 Pts / 50%

 GOOD  ADEQUATE  MARGINAL  WEAK  POOR

Frontal Offset Deformable Barrier 3.9 / 8 Pts



Passenger Driver

Detailed description: This panel shows two crash test dummies. The Passenger dummy is colored yellow (Adequate) and orange (Marginal). The Driver dummy is colored brown (Weak) and orange (Marginal).


Frontal Full Width 5.7 / 8 Pts



Rear Passenger Driver

Detailed description: This panel shows two crash test dummies. The Rear Passenger dummy is colored red (Poor) and green (Good). The Driver dummy is colored orange (Marginal) and green (Good).

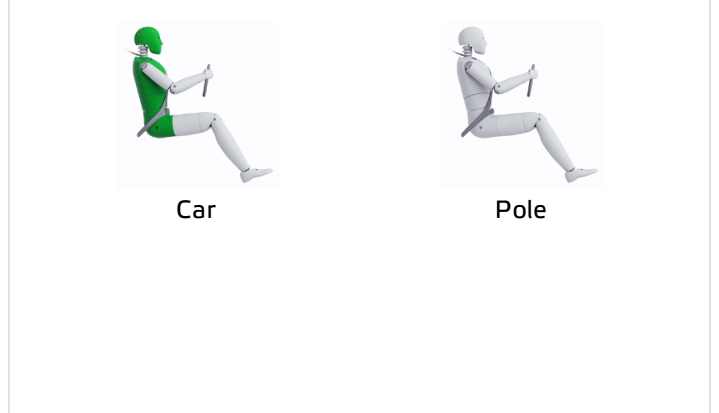
Whiplash Rear Impact 1.7 / 2 Pts



Front seat Rear seat

Detailed description: This panel shows two views of a crash test dummy's head and neck. The Front seat view shows a green neck (Good). The Rear seat view shows a green neck (Good).

Lateral Impact 8 / 16 Pts



Car Pole

Detailed description: This panel shows two side-view crash test dummies. The Car dummy is colored green (Good). The Pole dummy is colored white (No data).

 ADULT OCCUPANT

Total 19.3 Pts / 50%



 ADULT OCCUPANT

Total 19.3 Pts / 50%

Comments

In the frontal offset test, the connection between the A-pillar and the trans-facia beam was damaged in a way that indicated the structure would be unable to withstand higher loads. Similarly, deformation of the footwell showed that the structure had reached the limit of its integrity. Although dummy readings indicated good protection of the knees and femurs of the driver and passenger dummy, structures in the dashboard were thought to present a risk to occupants of different sizes and to those sitting in different positions, and protection of this body area was rated as marginal. Dummy readings, together with the penalty applied for the unstable bodyshell, resulted in protection of the driver chest being rated as weak. In the full-width rigid barrier test, dummy readings of chest compression showed marginal protection of the driver chest. For the rear passenger, dummy readings showed weak protection of the neck and, combined with high shoulder-belt loads, poor protection of the chest. In the side barrier test, the Wrangler scored maximum points, with good protection of all critical body areas. No pole test was conducted on the Wrangler. Tests on the front seats and head restraints indicated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The Wrangler is not equipped with an autonomous emergency braking (AEB) system.

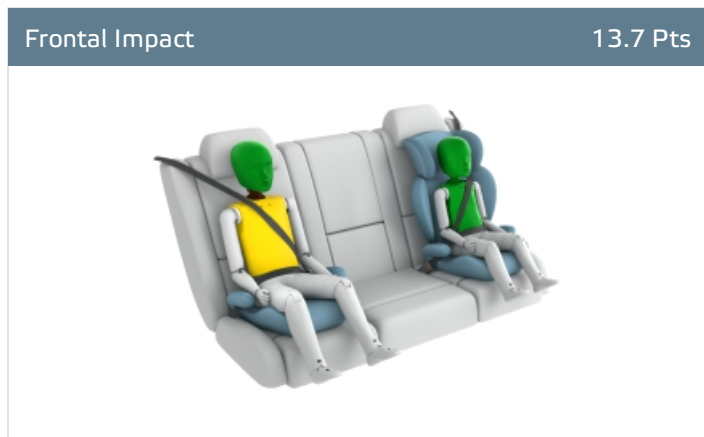
CHILD OCCUPANT

Total 34.3 Pts / 69%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

20.8 / 24 Pts



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

Safety Features

6 / 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

7.5 / 12 Pts

● Install without problem ○ Install with care ● Safety critical problem ✗ Installation not allowed

■ i-Size CRS



CHILD OCCUPANT

Total 34.3 Pts / 69%

ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)



Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



CHILD OCCUPANT

Total 34.3 Pts / 69%

	Seat Position			
	Front	2nd row		
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	□	●	□	●
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	□	●	□	●
BeSafe iZi Kid X2 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)	●	●	●	●

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


Comments

In the frontal offset test, protection of all critical body areas was good or adequate except that of the neck of the 10 year child, where dummy readings of tensile forces indicated weak protection. In the side barrier test, the head of the 10 year dummy contacted the car interior and protection was rated as marginal. The protection of all other critical body areas was good. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. Several problems were seen when installing several child restraints in the vehicle, including those in the Universal category.

 **VULNERABLE ROAD USERS**

Total 23.9 Pts / 49%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian	23.9 / 36 Pts						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">13.4 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">4.5 Pts</td> </tr> </table>	Head Impact	13.4 Pts	Pelvis Impact	6 Pts	Leg Impact	4.5 Pts
Head Impact	13.4 Pts						
Pelvis Impact	6 Pts						
Leg Impact	4.5 Pts						

Vulnerable Road Users	0 / 12 Pts
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Comments

The protection provided by the bonnet to the head of a struck pedestrian was predominantly poor or adequate. The bumper provided good protection to pedestrians' legs while protection of the pelvis was mixed.

SAFETY ASSIST

Total 4.2 Pts / 32%

■ 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)

Seat Belt Reminder

3 / 3 Pts

Applies To	Not available		
	Driver Seat	front passenger(s)	rear passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●
Occupant detection	—	●	●

● Pass
 ● Fail
 — Not available

Lane Support

0 Pts

AEB Interurban

0 Pts

 SAFETY ASSIST

Total 4.2 Pts / 32%

Comments

The Wrangler has a seatbelt reminder system for the front and rear seats as standard. A driver-set speed assistance system allows the driver to set the appropriate limit, to help prevent excessive speeding.

RATING VALIDITY

Variants of Model Range

Body Type	Engine	Model Name/Code	Drivetrain	Rating Applies	
				LHD	RHD
5 door SUV	2.2 l turbo diesel	Rubicon 4-Door Unlimited	4 x 4	✓	✓
5 door SUV	2.2 l turbo diesel	Sahara 4-Door Unlimited*	4 x 4	✓	✓
5 door SUV	2.2 l turbo diesel	Sport 4-Door Unlimited	4 x 4	✓	✓
5 door SUV	2.0 l petrol	Rubicon 4-Door Unlimited	4 x 4	✓	✓
5 door SUV	2.0 l petrol	Sahara 4-Door Unlimited	4 x 4	✓	✓
5 door SUV	2.0 l petrol	Sport 4-Door Unlimited	4 x 4	✓	✓
3 door SUV	2.2 l turbo diesel	Rubicon 2-Door	4 x 4	✓	✓
3 door SUV	2.2 l turbo diesel	Sahara 2-Door	4 x 4	✓	✓
3 door SUV	2.2 l turbo diesel	Sport 2-Door	4 x 4	✓	✓
3 door SUV	2.0 l petrol	Rubicon 2-Door	4 x 4	✓	✓
3 door SUV	2.0 l petrol	Sahara 2-Door	4 x 4	✓	✓
3 door SUV	2.0 l petrol	Sport 2-Door	4 x 4	✓	✓

* Tested variant

Annual Reviews and Facelifts

Date	Event	Outcome
December 2018	Rating Published	2018 ★☆☆☆☆ ✓