



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 100521

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

Frontal Full Width 5.7 / 8 Pts

Rear Passenger Driver

Whiplash Rear Impact 1.7 / 2 Pts

Front seat Rear seat


Lateral Impact 8.0 / 16 Pts

Car Pole

 ADULT OCCUPANT

Total 19.3 Pts / 50%

 GOOD

 ADEQUATE

 MARGINAL

 WEAK

 POOR

AEB City

 0.0 / 4 Pts

 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.

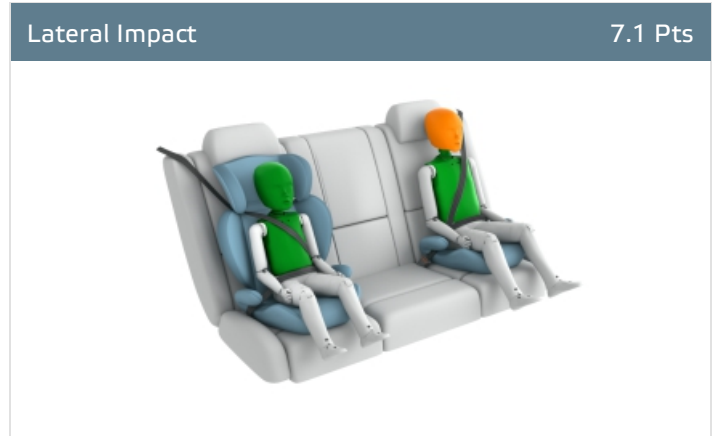
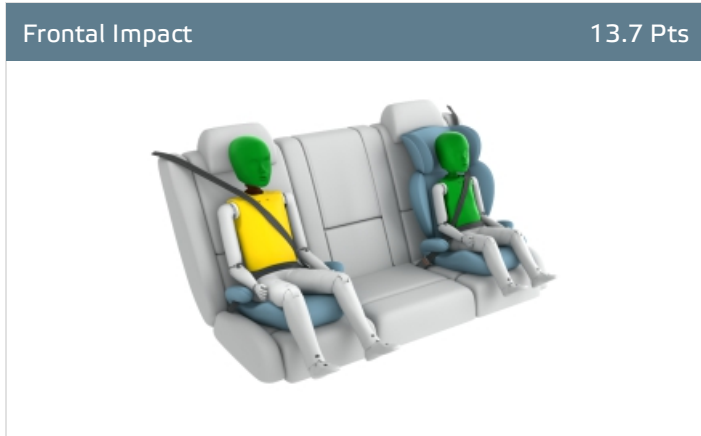
CHILD OCCUPANT

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

6.0 / 13 Pts

| | Front Passenger | 2nd row outboard | 2nd row center |
|----------------|-----------------|------------------|----------------|
| Isifix | ✘ | ● | ✘ |
| i-Size | ✘ | ● | ✘ |
| Integrated CRS | ✘ | ✘ | ✘ |

● Fitted to test car as standard
 ○ Not on test car but available as option
 ✘ Not available

CRS Installation Check

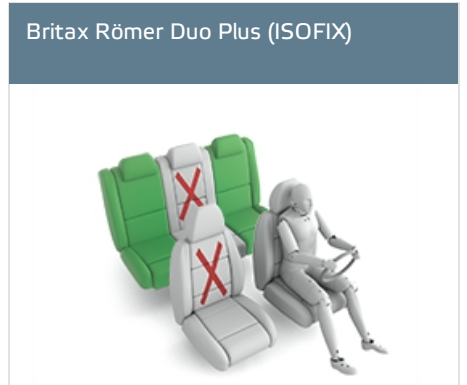
7.5 / 12 Pts

- Install without problem
- Install with care
- Safety critical problem
- ✗ Installation not allowed

■ i-Size CRS



■ ISOFIX CRS



 CHILD OCCUPANT

Total 34.3 Pts / 69%

■ 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

— Not available


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;">6.0 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 | 6.0 Pts | Leg Impact | 4.5 Pts |
| Head Impact | 13.4 Pts | | | | | | |
| Pelvis Impact | 6.0 Pts | | | | | | |
| Leg Impact | 4.5 Pts | | | | | | |

| | |
|-----------------------|--------------|
| Vulnerable Road Users | 0.0 / 12 Pts |
|-----------------------|--------------|

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) |

Seatbelt Reminder

3.0 / 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 Inter-Urban

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 ★☆☆☆☆ ✓ |
| December 2019 | Annual Review | 2018 ★☆☆☆☆ ✓ |
| December 2020 | Annual Review | 2018 ★☆☆☆☆ ✓ |