

Mercedes-Benz CITAN Kombi

Mercedes-Benz CITAN Kombi, 109 Blue Efficiency 'High' grade

2013 ★★☆☆☆



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 27 pts | 74%

FRONTAL IMPACT

11,5 pts



Driver



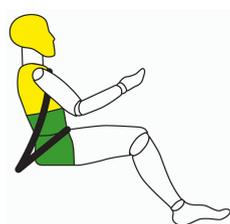
Passenger

SIDE IMPACT CAR

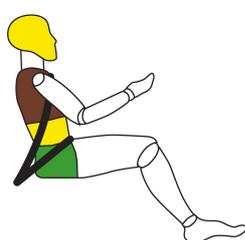
7,3 pts

SIDE IMPACT POLE

5,2 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,6 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	45mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	Steering Column, ignition glove box/face
Concentrated loads on knees	Glove box/face

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	Clutch - 86mm
Upward pedal movement	Clutch - 17mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 4 way manual
Head restraint type	Reactive
Geometric assessment	0,5 pts

TESTS

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

CHILD OCCUPANT

Total 34 pts | 69%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Britax Baby-safe ISOFIX
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 Roemer Duo Plus
Facing forward facing
Installation ISOFIX and TopTether



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



Isofix

Safety features score **3 pts**
Installation check score **7,1 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	Pass	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	P Fail	Exempt	P Fail	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Fail	Pass	Fail	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Exempt	Pass	Pass	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	P Fail	Exempt	P Fail	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	Fail	Exempt	Fail	N/A	N/A	N/A
Römer BabySafe + ISOFIX Base (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	P Fail	Exempt	P Fail	N/A	N/A	N/A

PEDESTRIAN

Total 20 pts | 56%



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

HEAD	14 pts
PELVIS	0,5 pts
LEG	5,9 pts

SAFETY ASSIST

Total 3 pts | 33%

SPEED ASSISTANCE SYSTEM 0 pts

Optional	
Speed Information	Not assessed
Speed Assistance (Manual)	Fail

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP 9i	Pass
Yaw rate ratio (1.00s)	2,68 %
Yaw rate ratio (1.75s)	1,65 %
Lateral displacement (1.07s)	2,66 m

SEATBELT REMINDER 0 pts

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Mercedes-Benz CITAN Kombi, 109 Blue Efficiency 'High' grade
Body type	Small MPV
Year of publication	2013
Kerb weight	1460kg
VIN from which rating applies	from WDF4157031U119604

SAFETY EQUIPMENT

Front seatbelt pretensioners

Front seatbelt load limiters

Driver frontal airbag

Front passenger frontal airbag

Side body airbags

Side head airbags

Speed Limitation Assistance

Electronic Stability Control

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger dummies. Inspection of the vehicle showed that some structures in the dashboard presented a hazard to the knees and femurs of occupants of different sizes and to those sat in different positions. Dummy readings of chest compression indicated marginal protection of the driver's chest. In the side barrier test, dummy readings indicated good protection of the head. However, the side curtain airbag did not deploy as intended, getting caught on the upper seat belt anchorage point, and the car was penalised. The same thing happened with the curtain airbag in the side pole test. Mercedes have indicated that they will improve the performance of the curtain airbag. Dummy readings of rib compression in the pole test indicated weak protection of the chest area. Moreover, after the test, there was a noticeable gap between the B-pillar and the front edge of the sliding door. The car was penalised as such a gap might jeopardise the protection of occupants' limbs. The front seats and head restraints provided marginal protection against whiplash injury in the event of a rear-end collision.

Child occupant

Based on dummy readings in the dynamic tests, the Citan scored maximum points for its protection of both the 3 year and the 1½ year dummy. In the frontal test, forward movement of the 3 year old 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 head contact with parts of the car interior. The passenger airbag cannot be disabled, so a rearward-facing child restraint cannot be used in that seating position. Most of the child restraints for which the car is designed could be installed without a problem. However, the group II/III seat could not be properly accommodated and care was needed to ensure the ISOFIX anchorages were properly engaged with the Britax Römer Duo Plus. Cars before VIN WDF4157031U119604 had an earlier version of the user manual with less detailed information about the fitment of child restraints. However, the overall star rating of these cars would be the same as the vehicles tested. An updated user manual is available for all customer at the Mercedes-Benz webpage (www.mercedes-benz.com).

Pedestrian

The bumper was predominantly good but the front edge of the bonnet provided poor protection in most of the areas tested. Adequate protection was provided by the bonnet over much of its surface but protection in those areas where an adult's head might strike was mostly poor.

Safety assist

The Citan is equipped with electronic stability control as standard equipment, and met Euro NCAP's test requirements. A seatbelt reminder is available for the driver's seat only. As no system is available for the front passenger seat or the rear seats, the system was not assessed. A driver-set manual speed assistance system is available. However, the warning given to the driver if the set speed is exceeded was visual only, and did not meet Euro NCAP's requirements.