

Mercedes-Benz CITAN Kombi

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

2013



74%

ADULT OCCUPANT



69%

CHILD OCCUPANT



56%

PEDESTRIAN



33%

SAFETY ASSIST

ADULT OCCUPANT

Total 27 pts | 74%

FRONTAL IMPACT

11,5 pts



Driver



Passenger

SIDE IMPACT CAR

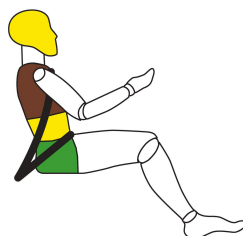
7,3 pts

SIDE IMPACT POLE

5,2 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,6 pts



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

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/facia

Concentrated loads on knees Glove box/facia

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.