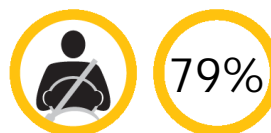


Mercedes-Benz CITAN Kombi (reassessment)

2013 ★★★★★

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



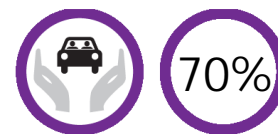
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



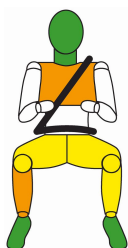
SAFETY ASSIST

ADULT OCCUPANT

Total 29 pts | 79%

FRONTAL IMPACT

11,5 pts



Driver



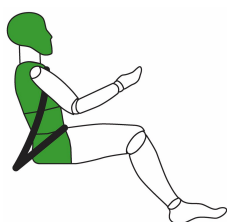
Passenger

SIDE IMPACT CAR

8 pts

SIDE IMPACT POLE

6,7 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	St. col.& ignition; glove box
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 40 pts | 81%

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 **4 pts**
Installation check score **12 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	Exempt	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	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Exempt	Pass	Exempt	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	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Pass	Pass	Pass	Pass	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	Pass	Pass	Exempt	Pass	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 6 pts | 70%

SPEED ASSISTANCE SYSTEM 1,3 pts

Optional	
Speed Information	
Speed Assistance (Manual)	PASS

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 2 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	WDF4157031U129453

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

The Mercedes-Benz CITAN Kombi was first tested by Euro NCAP in April 2013, and was given a three star rating. Mercedes-Benz indicated at that time that they would improve the safety performance of the vehicle, especially the deployment of the side airbag and the installation of child restraints; and that they would provide a seatbelt reminder for the front passenger seat and make the speed limitation device comply with Euro NCAP's requirements. These changes are now in production and Euro NCAP has re-assessed the vehicle. Several tests have been re-done to assess the changes that Mercedes-Benz have made. Where the performance is not influenced by the changes, test results have been carried over from the original assessment.

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. The improvements made by Mercedes-Benz to the side airbag deployment proved successful and the Citan scored maximum points in the side barrier test with good protection of all body regions. In the side pole impact, the airbag deployed correctly but protection of the chest was rated as marginal. There was a gap between the B-pillar and the front edge of the sliding door. Although this gap was smaller than in the original Citan test, a penalty was again applied to the score. 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. Improvements made by Mercedes-Benz mean that all child restraints for which the car is designed can now be properly installed and accommodated.

Pedestrian

Pedestrian test results were carried over from the original assessment. 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 both front seats and the system was rewarded. A driver-set manual speed assistance system is available. Mercedes-Benz have changed the warning signal to include an audible signal and the system was rewarded in this re-assessment.