



Opel/Vauxhall Karl
Standard Safety Equipment

2017



Adult Occupant



61%

Child Occupant



60%

Pedestrian



58%

Safety Assist



25%

SPECIFICATION

Tested Model	Opel Karl 1.0 'Enjoy', LHD
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	920kg
VIN From Which Rating Applies	- all Karls
Class	Supermini

General comments

The Karl was originally assessed by Euro NCAP in 2015. For this re-assessment, most tests have been re-done as the test protocols have changed in the intervening two years. However, where the car and test protocols are unchanged, results have been carried over from the 2015 assessment.

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	✘	✘	✘
CHILD PROTECTION			
Isofix	—	✘	●
Integrated CRS	—	✘	✘
Airbag cut-off switch	—	●	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●
OTHER SYSTEMS			
Active Bonnet (Hood)	✘		
AEB Pedestrian	✘		
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 23.5 Pts / 61%

 GOOD  ADEQUATE  MARGINAL  WEAK  POOR

Frontal Offset Deformable Barrier 7.4 Pts



Passenger Driver

Detailed description: This panel shows two crash test dummies. The Passenger dummy is green, indicating a 'GOOD' result. The Driver dummy is yellow, indicating an 'ADEQUATE' result.

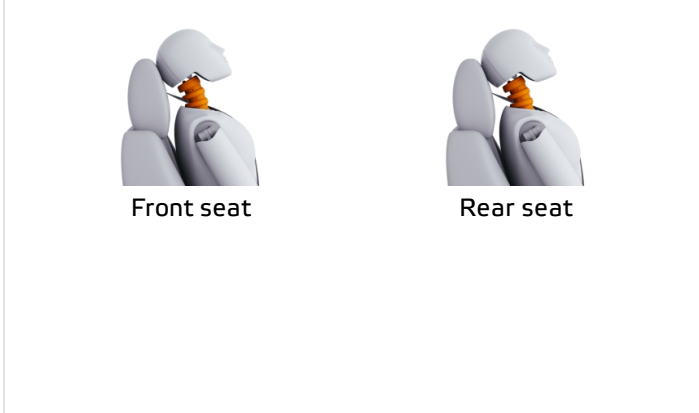
Frontal Full Width 6.5 Pts



Rear Passenger Driver

Detailed description: This panel shows two crash test dummies. The Rear Passenger dummy is orange, indicating a 'MARGINAL' result. The Driver dummy is green, indicating a 'GOOD' result.

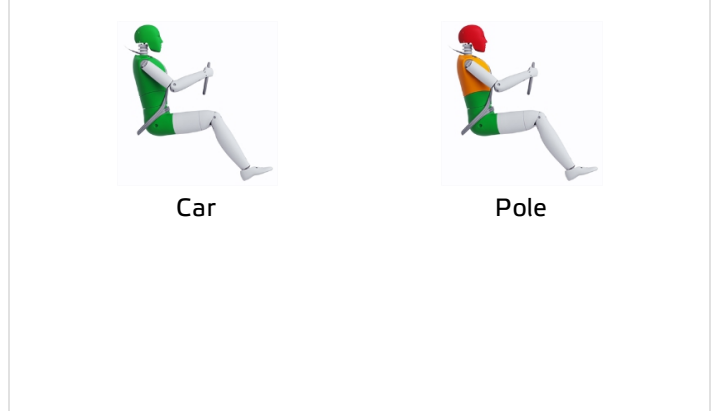
Whiplash Rear Impact 1.6 Pts



Front seat Rear seat

Detailed description: This panel shows two views of a car seat headrest. The front seat view shows a green neck area, indicating 'GOOD'. The rear seat view shows an orange neck area, indicating 'MARGINAL'.


Lateral Impact 8 Pts



Car Pole

Detailed description: This panel shows two side-impact crash test scenarios. The 'Car' scenario shows a green dummy, indicating 'GOOD'. The 'Pole' scenario shows a red dummy, indicating 'POOR'.

AEB City 0

Performance: 

Detailed description: This panel shows the AEB City test result. The score is 0 points, and the performance bar is grey, indicating a 'POOR' result.

 ADULT OCCUPANT

Total 23.5 Pts / 61%

Comments

The passenger compartment of the Karl remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Opel showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the full-width rigid barrier test, the pelvis of the rear passenger dummy slipped beneath the lap portion of the seatbelt, and protection of this body area was rated as poor. Protection of the chest was rated as marginal, based on dummy readings of chest compression. Protection of all critical body areas was good for the driver dummy. In the side barrier test, protection of all critical parts of the body was good and the Karl scored maximum points. However, in the more severe side pole impact, the head 'bottomed out' the curtain airbag and the resulting high decelerations indicated poor protection of this body area. Chest protection was rated as marginal based on dummy readings of rib compression. Tests on the front seats and head restraints demonstrated marginal protection against whiplash injury in the event of a rear-end collision. A geometric assessment of the rear seats also indicated marginal whiplash protection.

CHILD OCCUPANT

Total 29.9 Pts / 60%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

18.4 Pts

Frontal Impact 10.4 Pts

Lateral Impact 8 Pts

Restraint for 6 year old child: *ROMER Kidfix XP*
 Restraint for 10 year old child: *Nania Dream*

Safety Features

4 Pts

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 Pts

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

i-Size CRS

Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)

Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)

BeSafe iZi Kid X2 i-Size (iSize)

CHILD OCCUPANT

Total 29.9 Pts / 60%

ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Römer Duo Plus (ISOFIX)



Römer KidFix XP (ISOFIX)



Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Römer King II LS (Belt)



Römer KidFix XP (Belt)



CHILD OCCUPANT

Total 29.9 Pts / 60%

	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)	□	●	□	●
Römer Duo Plus (ISOFIX)	□	●	□	●
Römer KidFix XP (ISOFIX)	□	●	□	●
Maxi Cosi Cabriofix (Belt)	●	●	□	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	✘	●
Römer King II LS (Belt)	●	●	□	●
Römer KidFix XP (Belt)	●	●	□	●

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


Comments

In the frontal offset test, protection of the neck and chest of the 6 year dummy was weak, and that of the neck of the 10 year dummy was poor. In the side barrier test, protection of all 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. The Karl is not compatible with i-Size restraints and, as a result, the installation check of any such restraints was deemed a fail. In addition, the large rearward-facing Group 0+/1 restraint could not be accommodated in the rear centre position.

 PEDESTRIAN PROTECTION

Total 24.5 Pts / 58%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian Protection	24.5 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;">15.9 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">2.6 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table>	Head Impact	15.9 Pts	Pelvis Impact	2.6 Pts	Leg Impact	6 Pts
Head Impact	15.9 Pts						
Pelvis Impact	2.6 Pts						
Leg Impact	6 Pts						

AEB Pedestrian	0 Pts
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Comments

The protection offered to the head of a struck pedestrian was mixed with areas showing good results and others, mainly on the stiff windscreen pillars, giving poor results. The bumper provided good protection to pedestrians' legs but protection of the pelvis was predominantly poor.

 SAFETY ASSIST

Total 3 Pts / 25%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance

0 Pts

Seat Belt Reminder

3 Pts

Applies To	All seats		
	Driver Seat	front passenger(s)	rear passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●

● Pass
 ● Fail
 — Not available

**SAFETY ASSIST**

Total 3 Pts / 25%

Comments

The Karl has a seatbelt reminder for the front and rear seats. A lane departure warning system and a driver-set speed limiter are available as an option but are not included in this rating.

RATING VALIDITY

Variants of Model Range

Body Type	Engine	Drivetrain	Rating Applies	
			LHD	RHD
5 door hatchback	1.0 petrol*	4 x 2	✓	✓
5 door hatchback	1.0 petrol + LPG (Bi-fuel)	4 x 2	✓	N/A

* Tested variant

Annual Reviews and Facelifts

Date	Event	Outcome
December 2017	Rating Published	2017 ✓