



Opel/Vauxhall Karl  
Standard Safety Equipment

2017



Adult Occupant



61%

Child Occupant



60%

VRU Impact Protection



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

**X** Rating Expired

### 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
<b>FRONTAL CRASH PROTECTION</b>			
Frontal airbag	●	●	—
Belt pretensioner	●	●	●
Belt loadlimiter	●	●	●
Knee airbag	✘	✘	—
<b>SIDE CRASH PROTECTION</b>			
Side head airbag	●	●	●
Side chest airbag	●	●	✘
Side pelvis airbag	✘	✘	✘
<b>CHILD PROTECTION</b>			
Isfix/i-Size	—	✘	●
Integrated CRS	—	✘	✘
Airbag cut-off switch	—	●	—
<b>SAFETY ASSIST</b>			
Seat Belt Reminder	●	●	●
<b>OTHER SYSTEMS</b>			
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

**Frontal Full Width** 6.5 Pts




Rear Passenger                      Driver

**Whiplash Rear Impact** 1.6 Pts



Front seat                      Rear seat

**Lateral Impact** 8.0 Pts



Car                      Pole

**AEB City** 0.0

Performance:



ADULT OCCUPANT

Total 23.5 Pts / 61%



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

 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.

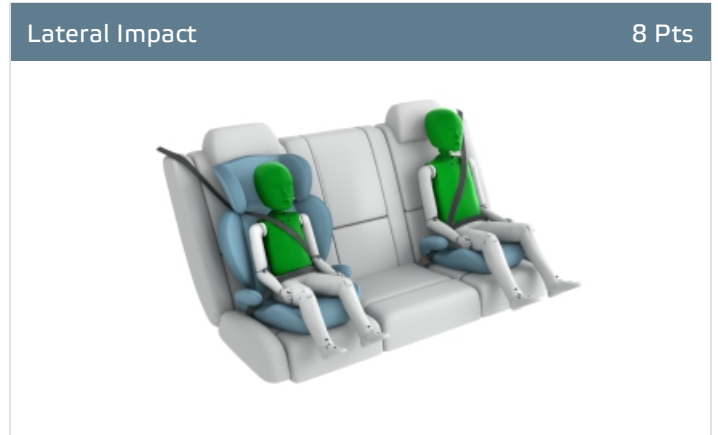
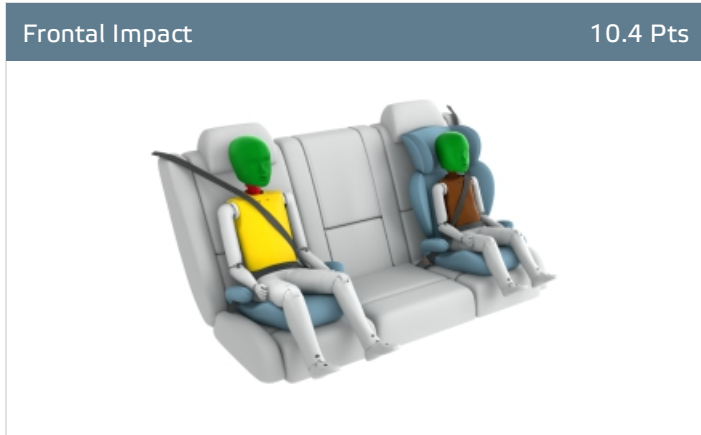
**CHILD OCCUPANT**

Total 29.9 Pts / 60%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

18.4 Pts



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

**Safety Features**

4.0 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)



■ ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)




Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)




 CHILD OCCUPANT

Total 29.9 Pts / 60%

## ■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix &amp; EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



## 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.



## 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)	—	●	—	●
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)	●	●	—	●

● Easy   
 ● Difficult   
 ● Safety critical   
 ✘ Not allowed   
 — Not available


## 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.

 VRU IMPACT PROTECTION

Total 24.5 Pts / 58%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

VRU Impact 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;">6.0 Pts</td> </tr> </table>	Head Impact	15.9 Pts	Pelvis Impact	2.6 Pts	Leg Impact	6.0 Pts
Head Impact	15.9 Pts						
Pelvis Impact	2.6 Pts						
Leg Impact	6.0 Pts						

AEB Pedestrian	0.0 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 3.0 Pts / 25%

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR

Speed Assistance 0 Pts

Seatbelt Reminder 3.0 Pts

Applies To	All seats		
	Driver Seat	Front Passenger(s)	Rear Passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●

● Pass
 ● Fail
 — Not available

Lane Support 0 Pts

AEB Inter-Urban 0 Pts



## SAFETY ASSIST

Total 3.0 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 ★★☆☆☆ ✓