

# Mercedes-Benz GLA-Class

Mercedes-Benz GLA-Class GLA200 CDI 'Urban' 4x2, LHD

2014 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

## DETAILS OF TESTED CAR

### SPECIFICATIONS

Tested model	Mercedes-Benz GLA-Class GLA200 CDI 'Urban' 4x2, LHD
Body type	5 door SUV
Year of publication	2014
Kerb weight	1505kg
VIN from which rating applies	from WDC1569081J025585

### SAFETY EQUIPMENT

Frontal airbags	Driver (Dual Stage), Passenger (Dual Stage)
Pre-tensioners	Driver (single), Passenger (single), Rear (outboard seats)
Load-limiters	Driver, Passenger, Rear (outboard seats)
Knee airbags	Driver
Side airbags	Head (front and rear), Thorax (front only), Pelvis (combined thorax/pelvis)
Front head restraints	Passive
Passenger airbag switch	Automatic switch
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	Deployable bonnet, Standard
Seatbelt Reminder	Driver, Passenger, Rear
Electronic Stability Control	ESP, Standard, Manual Switch
Speed Assistance Systems	Driver-set speed limitation, Optional (meeting fitment requirements)
Lane Support	Lane Departure Warning, Optional (not meeting fitment requirements)
Autonomous Braking	Collision Prevention Assist Plus, City and Inter-Urban (Auto-Brake and Forward Collision Warning) system, Standard
Other	Attention Assist - fatigue warning (Standard); Traffic Sign Assist (Optional); Blind Spot Assist (Optional)

Safety equipment is standard across the model range unless stated otherwise

**ADULT OCCUPANT**

Total 37 pts | 96%

**CRASH TEST PERFORMANCE**

**FRONT OFFSET**

15,4 pts



Driver



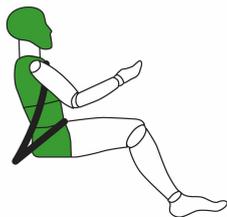
Passenger

**SIDE CAR**

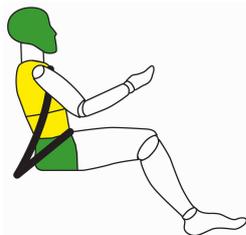
8 pts

**SIDE POLE**

7,7 pts



Side car



Side pole

**FRONT OFFSET**

**HEAD**

Driver airbag contact	stable
Passenger airbag contact	stable

**CHEST**

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

**UPPER LEGS, KNEES AND PELVIS**

Stiff structures in dashboard	none
Concentrated loads on knees	none

**LOWER LEGS AND FEET**

Footwell Collapse	none
Rearward pedal movement	Brake - 18mm
Upward pedal movement	none

**SIDE**

Head protection airbag	Yes
Chest protection airbag	Yes

**WHIPLASH PROTECTION**

**FRONT, REAR SEATS**

2,7 pts



Front seats



Rear seats

**HEAD RESTRAINT**

Seat description	Standard fabric+Artico, 6 way manual
Head restraint type	Passive
Front geometric assessment	2 pts

**TESTS**

- High severity	2,3 pts
- Medium severity	2,4 pts
- Low severity	2,5 pts

**AEB CITY**

3 pts

System name	Collision Prevention Assist Plus
Fitment	Standard



## CHILD OCCUPANT

Total 43 pts | 88%

### CRASH TEST PERFORMANCE

#### 18 MONTH OLD CHILD

**Restraint** Römer BabySafe  
**Facing** rearward facing  
**Installation** Adult seatbelt



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** Römer Duo Plus  
**Facing** forward facing  
**Installation** ISOFIX and TopTether



PERFORMANCE **10,1 pts**

#### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** fair

#### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

### CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

**Safety features score** **9 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	Pass	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	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	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	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer BabySafe (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A

## SAFETY ASSIST

Total 9 pts | 70%

### SPEED ASSISTANCE SYSTEM 1,3 pts

Optional (meeting fitment requirements)	
Speed Information	Not applicable
Speed Assistance (Manual)	Pass

### ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP	Meets requirements
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### SEATBELT REMINDER 3 pts

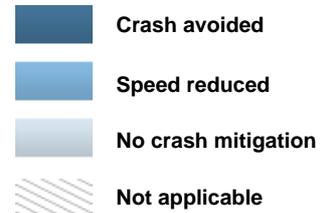
- driver and passenger	Pass
- rear	Pass

### LANE SUPPORT SYSTEMS 0 pts

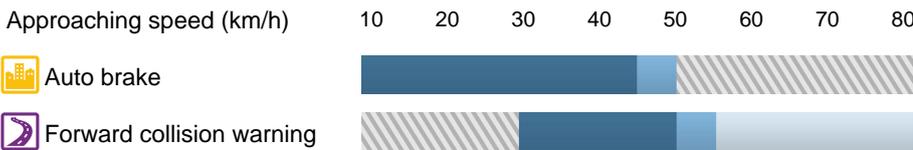
Optional (not meeting fitment requirements)	
Lane Departure Warning	

### AEB INTERURBAN SYSTEMS 1,8 pts

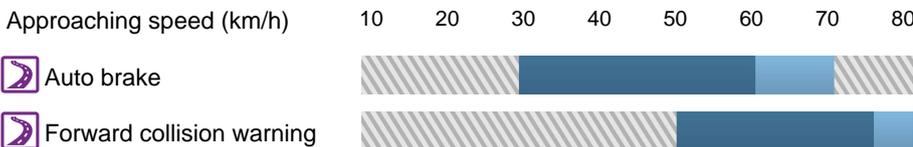
Collision Prevention Assist Plus	Standard
Human machine interface	Default On
Performance	



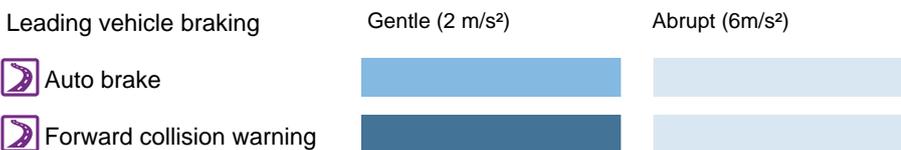
#### APPROACHING A STATIONARY VEHICLE



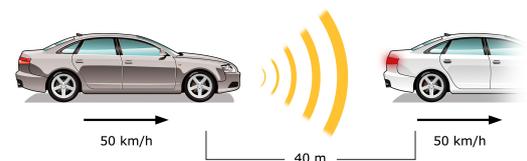
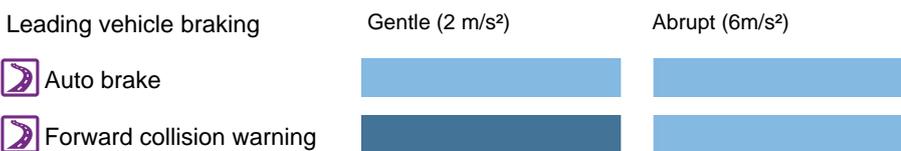
#### APPROACHING A SLOW MOVING VEHICLE



#### APPROACHING A BRAKING VEHICLE WITH SHORT HEADWAY

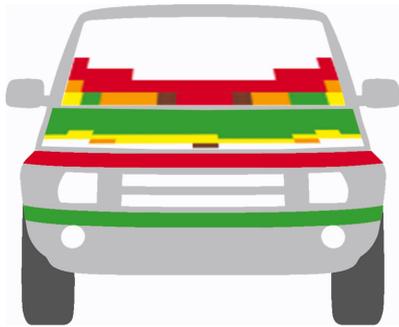


#### APPROACHING A BRAKING VEHICLE WITH LONG HEADWAY



## PEDESTRIAN

Total 24 pts | 67%



HEAD	18,4 pts
PELVIS	0 pts
LEG	6 pts



## EURO NCAP ADVANCED REWARDS

2011 - Mercedes-Benz Attention Assist  
 2010 - Mercedes-Benz PRE-SAFE®



## COMMENTS

**Adult occupant**

The passenger compartment remained stable in the frontal impact. For both the driver and passenger dummy, protection of all body regions was good apart from the lower legs, protection of which was adequate. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Mercedes-Benz showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. The GLA-Class scored maximum points in the side barrier impact with good protection of all body areas. In the more severe side pole impact, protection of the chest and abdomen was adequate and that of the head and pelvis was good. Protection against whiplash injuries in the event of a rear-end collision was rated as good for the front and rear seats and the GLA-Class has a standard-fit autonomous emergency braking system to provide additional protection at city speeds.

**Child occupant**

Based on dummy readings in the crash tests, the GLA-Class scored maximum points for its protection of the 1½ year dummy. Forward movement of the 3 year dummy, sat in a forward-facing restraint, was not excessive but chest and neck forces were marginally high. The passenger airbag is automatically disabled when a rearward-facing child restraint is placed on the passenger seat. The system is different from previous Mercedes-Benz systems which only worked with specific seats. Clear information is provided to the driver regarding the status of the airbag and the system was awarded maximum points. All of the restraint types for which the car is designed could be properly installed and accommodated.

**Pedestrian**

The bumper scored maximum points for the protection it offers to pedestrians' legs, with good results in all areas. However, the front edge of the bonnet showed poor results and scored no points. The GLA-Class has an 'active' bonnet for improved head protection. When an impact with a pedestrian is detected, actuators lift the bonnet, creating more space between it and the hard structures in the engine bay. Mercedes-Benz showed that the system worked robustly for pedestrians of different statures and at a wide range of speeds, so the system was tested in the deployed position. Results were good in almost all of the areas tested.

**Safety assist**

Electronic stability control is standard. A seatbelt reminder is standard for the front and rear seats. A driver-set speed limitation device is available as an option and was included in the assessment as Mercedes-Benz expect most cars to be equipped with it. 'Lane Departure Warning' is also available on the GLA-Class as an option, but this is not expected to meet Euro NCAP's fitment criteria for inclusion in the assessment. Since it started production, the GLA-Class has had Collision Prevention Assist® as standard. From VIN WDC1569081J025585, the vehicle has been fitted as standard with Collision Prevention Assist Plus®, an autonomous emergency braking system which helps the driver avoid or mitigate collisions at low, city speeds and at higher speeds typical of out-of-town driving.