



BMW Z4
Roadster Sport

2015



Adult Occupant



69%

Child Occupant



61%

Pedestrian



91%

Safety Assist



46%

SPECIFICATION

Tested Model	BMW Z4 sDrive 18i, LHD
Body Type	- 2 door roadster
Year Of Publication	2015
Kerb Weight	1395kg
VIN From Which Rating Applies	- all Z4s
Class	Roadster sports

ADVANCED REWARDS

- 2010 - BMW Assist Advanced eCall

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)	●		
ESC	●		
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.

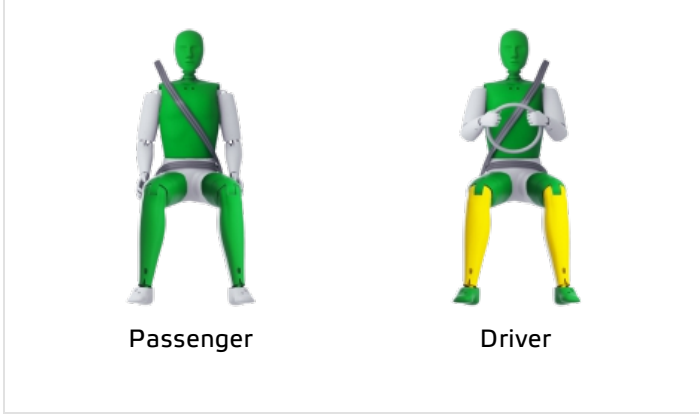
- Fitted to the vehicle as standard
 ○ Fitted to the vehicle as option
○ Not fitted to the test vehicle but available as option
 ✘ Not Available
 — Not Applicable

 ADULT OCCUPANT

Total 26.4 Pts / 69%

 GOOD  ADEQUATE  MARGINAL  WEAK  POOR

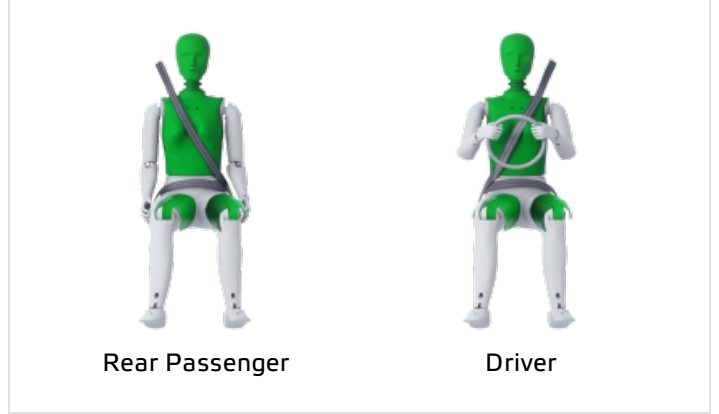
Frontal Offset Deformable Barrier 8 Pts



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.

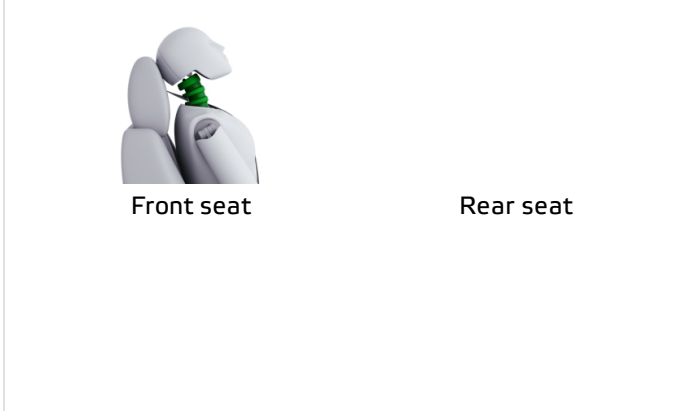
Frontal Full Width 8 Pts



Rear Passenger Driver

Detailed description: This panel shows two crash test dummies. Both the Rear Passenger and Driver dummies are green, indicating a 'GOOD' result.

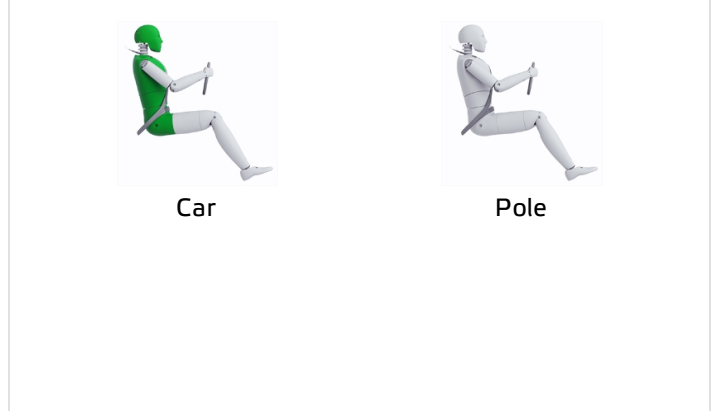
Whiplash Rear Impact 2.4 Pts



Front seat Rear seat

Detailed description: This panel shows two car seats. The Front seat dummy is green, indicating a 'GOOD' result. The Rear seat dummy is white, indicating a 'POOR' result.


Lateral Impact 8 Pts



Car Pole

Detailed description: This panel shows two crash test dummies. The Car dummy is green, indicating a 'GOOD' result. The Pole dummy is white, indicating a 'POOR' result.

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 26.4 Pts / 69%

Comments

The passenger compartment of the Z4 remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger dummies. BMW 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, protection of all critical body regions was good and the Z4 scored maximum points in this test. Maximum points were scored also in the side impact barrier test, with good all-round protection. No pole test was performed for this assessment. The seats and head restraints demonstrated good protection against whiplash injury in the event of a rear-end collision. An autonomous emergency braking system is not available on the Z4.

CHILD OCCUPANT

Total 13 Pts / 61%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Safety Features

1 Pts

	Front Passenger
Isofix	●
i-Size	✗
Integrated CRS	✗

● Fitted to test car as standard
 ○ Not on test car but available as option
 ✗ Not available


CRS Installation Check

12 Pts

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

■ Infants up to 13 kg



 CHILD OCCUPANT

Total 13 Pts / 61%

■ Infants and toddlers up to 18 kg

BeSafe iZi Kid X3 ISOfix (ISOfix)



■ Toddlers from 9 to 18 kg

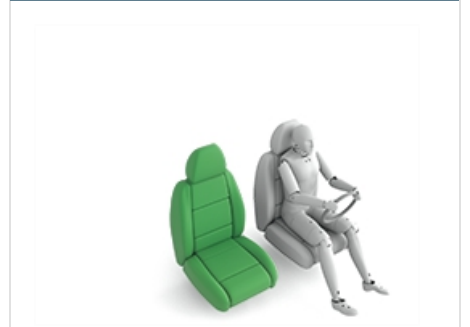
Römer King Plus (Belt)



Römer Duo Plus (ISOfix)



Maxi Cosi Pearl & Familyfix (ISOfix)



■ Toddlers over 18 kg

Römer KidFix (Belt)



Römer KidFix (ISOfix)



CHILD OCCUPANT

Total 13 Pts / 61%

	Seat Position
	Front
	PASSENGER
Maxi Cosi Cabriofix (Belt)	●
Römer King Plus (Belt)	●
Römer Duo Plus (ISOFIX)	✘
Römer KidFix (Belt)	●
Maxi Cosi Cabriofix & EasyFix (Belt)	●
Maxi Cosi Cabriofix & EasyFix (ISOFIX)	●
BeSafe iZi Kid X3 ISOfix (ISOFIX)	✘
Maxi Cosi Pearl & Familyfix (ISOFIX)	●
Römer KidFix (ISOFIX)	●

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

Comments

As the Z4 is a two-seater, the assessment of child protection is based on the features available in the vehicle for safe transportation of children in the front passenger seat, and on the installation of various types of restraints in that seating position. The front passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. However, the information provided to the driver regarding the status of the airbag is not sufficiently clear and the system was not rewarded. All of the restraint types for which the Z4 is designed could be properly installed and accommodated.

PEDESTRIAN PROTECTION

Total 33.1 Pts / 91%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian Protection	33.1 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;">21.3 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">5.8 Pts</td> </tr> </table>	Head Impact	21.3 Pts	Pelvis Impact	6 Pts	Leg Impact	5.8 Pts
Head Impact	21.3 Pts						
Pelvis Impact	6 Pts						
Leg Impact	5.8 Pts						

Comments

The Z4 has an 'active' bonnet. Sensors in the bumper detect when a pedestrian has been struck and actuators lift the bonnet, creating more space between the surface and the hard structures in the engine compartment. BMW showed that the bonnet would deploy robustly over a range of speeds and for a variety of pedestrian statures. Accordingly, the bonnet was tested in the deployed (raised) position. Results were almost predominantly good or adequate on bonnet surface. The bumper offered good or adequate protection to pedestrians' legs and protection of the pelvis region was good at all test locations.

SAFETY ASSIST

Total 6 Pts / 46%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Electronic Stability Control

3 Pts

System Name	Dynamic Stability Control	
PERFORMANCE		
Vehicle Yaw Rate @ COS + 1.00 s	4.1%	meets ECE requirements
Vehicle Yaw Rate @ COS + 1.75 s	3.3%	meets ECE requirements
Lateral Displacement @ BOS + 1.07 s	4.03 m	meets ECE requirements

Seat Belt Reminder

3 Pts

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

● Pass
 ● Fail
 — Not available



SAFETY ASSIST



Total 6 Pts / 46%

Comments

Electronic stability control is standard equipment on the Z4. A seatbelt reminder system is standard for the driver and passenger seats. Autonomous emergency braking, lane assistance and speed assistance are not available on the Z4.

RATING VALIDITY

Annual Reviews and Facelifts

Date	Event	Outcome
December 2015	Rating Published	2015  
December 2016	Production Stopped	2015