TEST RESULTS



BMW Z4 Standard Safety Equipment



2019 📩 🛧 🛧 🗲 🗲



SPECIFICATION

Tested Model	BMW Z4 sDrive 30i, LHD
Body Type	- Roadster sports
Year Of Publication	2019
Kerb Weight	1495kg
VIN From Which Rating Applies	- all Z4s
Class	Roadster sports

SAFETY EQUIPMENT

 Driver
 Passenger
 Rear

 FRONTAL CRASH PROTECTION
 Image: State of the state of t



SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix		•	—
Integrated CRS		×	_
Airbag cut-off switch		•	_
SAFETY ASSIST			
Seat Belt Reminder	•		

OTHER SYSTEMS	
Active Bonnet (Hood)	•
AEB Pedestrian	•
AEB Cyclist	•
AEB City	•
AEB Inter-Urban	•
Speed Assistance System	
Lane Assist System	

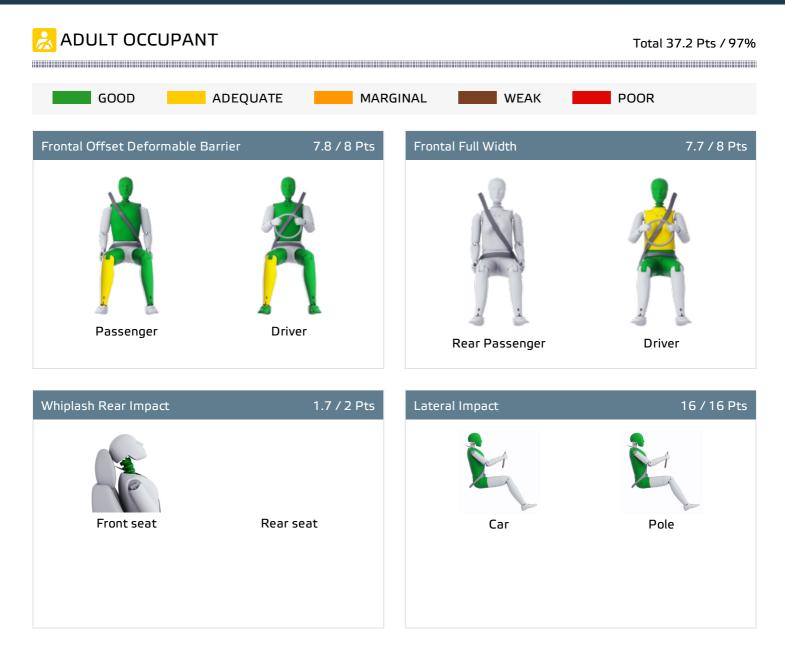
Note: Other equipment may be available on the vehicle but was not considered in the test year.

- Fitted to the vehicle as standard
- O Not fitted to the test vehicle but available as option or as part of the safety pack

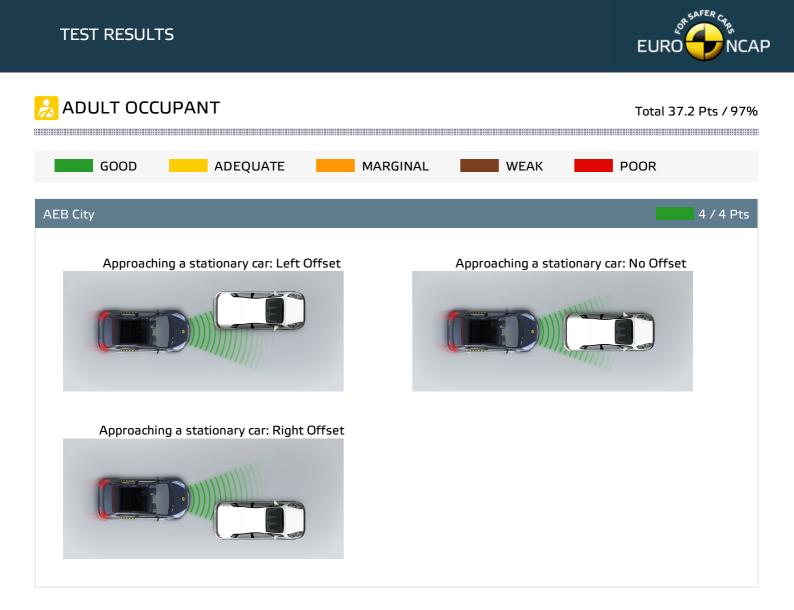
— Not applicable

🗙 Not available





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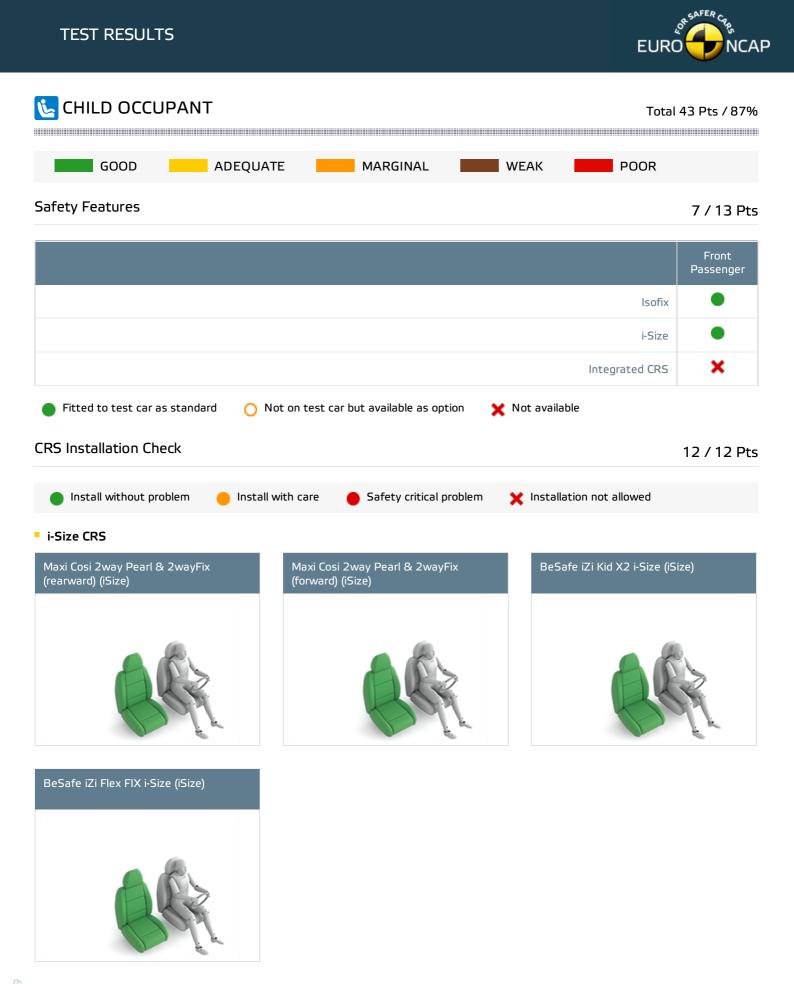
<u> ADULT OCCUPANT</u>

Total 37.2 Pts / 97%

Comments

The passenger compartment of the Z4 remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. BMW demonstrated that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. In the full-width rigid barrier test, protection of the driver was good or adequate for all critical body areas. In the side barrier test, all critical parts of the body were well protected and the car scored maximum points. Likewise, full points were scored in the more severe side pole test, with good protection all-round. Tests on the seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. The Z4 has a standard-fit autonomous emergency braking (AEB) system which operates at the low speeds, typical of city driving, at which many whiplash injuries occur. In tests of this functionality, the system scored maximum points, with collisions against another vehicle avoided in all test scenarios.

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📞 CHILD OCCUPANT

Total 43 Pts / 87%

ISOFIX CRS



Britax Römer KidFix XP (ISOFIX)



Universal Belted CRS



Britax Römer KidFix XP (Belt)





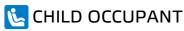
BeSafe iZi Kid X4 ISOfix (ISOFIX)

Britax Römer King II LS (Belt)

Britax Römer Duo Plus (ISOFIX)







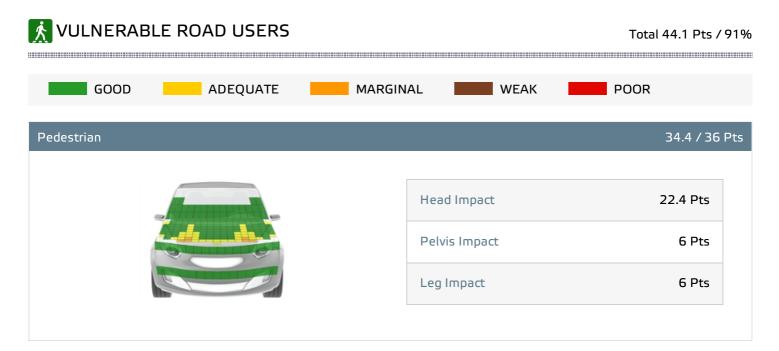
Total 43 Pts / 87%

	Seat Position
	Front
	PASSENGER
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	
BeSafe iZi Kid X2 i-Size (iSize)	
BeSafe iZi Flex FIX 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)	

Comments

Good protection was provided to the six-year dummy, sat in the front passenger seat, in both the frontal offset and side barrier tests. Protection of the ten-year child was not assessed. The 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 passenger seat is not approved to for the installation of one type of ISOFIX restraint. Otherwise, all of the restraints for which the Z4 is designed could be properly installed and accommodated in the car.





Vulnerable Road Users	9.7 / 12 Pts
System Name	Person Warning with City Braking Function
Туре	Auto-Brake with Forward Collision Warning
Operational From	5 km/h

Comments

The Z4 has an 'active' bonnet, or hood. Sensors detect when a pedestrian has been struck and actuators raise the bonnet to increase the distance to hard structures in the engine compartment. BMW showed that the system worked robustly for a variety of pedestrian statures and across a range of speeds. Accordingly, the bonnet was tested in the deployed, raised position. Test results were almost exclusively good or adequate. The bumper provided good protection to pedestrians' legs, and protection of the pelvis was also rated as good. The AEB system can detect vulnerable road users like pedestrians and cyclists, as well as other vehicles. In tests, the system performed adequately in its response to pedestrians and, for cyclists, its performance was rated as good.

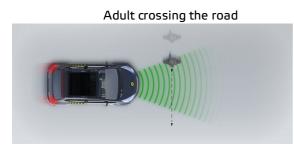


Total 44.1 Pts / 91%

🕺 VULNERABLE ROAD USERS

AEB Pedestrian

Day time



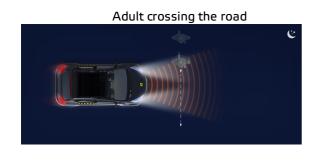
Child running from behind parked vehicles



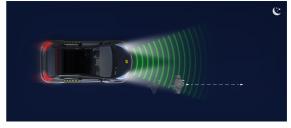
Adult along the roadside



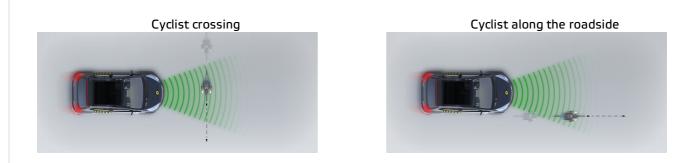
Night time



Adult along the roadside



AEB Cyclist





System Name	Speed Limit Assist	
Speed Limit Information Function	Camera based	
Speed Limitation Function	System advised (accurate to 5km/h)	

Seat Belt Reminder

3 / 3 Pts

Applies To	Front Seats		
Warning	Driver Seat	front passenger(s)	rear passenger(s)
Visual	•	•	
Audible	•	•	
Occupant detection	_	•	

🔵 Pass 🛛 🛑 Fail 🛛 🗕 Not available

Lane Support

1.8 / 4 Pts

System Name	Steering and Lane Control Assistant
Туре	LKA (including LDW)
Operational From	70 km/h
PERFORMANCE	
PERFORMANCE Lane Keep Assist	GOOD



🛜 SAFETY ASSIST

Total 10 Pts / 76%

AEB Inter-Urban 2.8 / 3 Pts Image: System Name Front-End Collision Warning with Braking Function Type Autonomous Emergency Braking and Forward Collision Warning

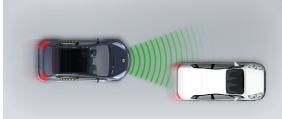
Operational From	5 km/h
Additional Information	Supplementary warning

Comments

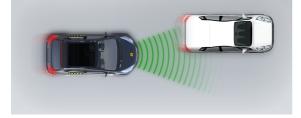
The AEB system performed well in tests of its response to other vehicles at highway speeds, with collisions avoided in the great majority of test scenarios. There is a seatbelt reminder system as standard. A lane support system helps to prevent inadvertent drifting out of lane. The speed assistance system uses a camera to detect the local speed limit. This information is presented to the driver, allowing the limiter to be set appropriately.

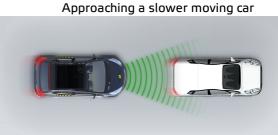
Autobrake function only

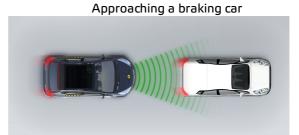
Approaching a slower moving car



Approaching a slower moving car







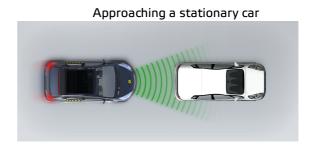
Approaching a clower moving ca



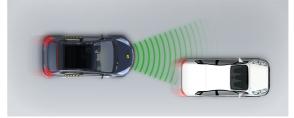
Total 10 Pts / 76%

SAFETY ASSIST

Driver reacts to warning

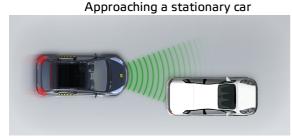


Approaching a slower moving car



Approaching a slower moving car

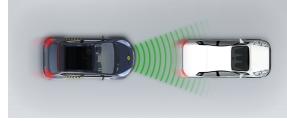




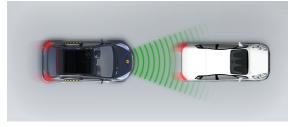
Approaching a stationary car



Approaching a slower moving car



Approaching a braking car





RATING VALIDITY

Variants of Model Range

Body Type	Engine & Transmission	Model Name/Code	Drivetrain	Rating Applies	
				LHD	RHD
				~	
				-	
2 door roadster	2.0 petrol	BMW Z4 sDrive20i	4 x 2		\checkmark
2 door roadster	2.0 petrol	BMW Z4 sDrive30i	4 x 2	\checkmark	\checkmark
2 door roadster	3.0 petrol	BMW Z4 sM40i	4 x 2	✓	\checkmark

* Tested variant

Annual Reviews and Facelifts

Date	Event	Outcome	
September 2019	Rating Published	2019 \star \star 🛧 🛧	~