

TEST RESULTS

BMW i3

BMW i3 standard trim, LHD

2013 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 31 pts | 86%

FRONTAL IMPACT

13,6 pts



Driver



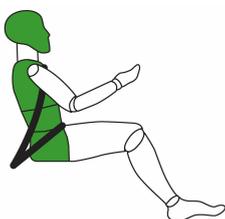
Passenger

SIDE IMPACT CAR

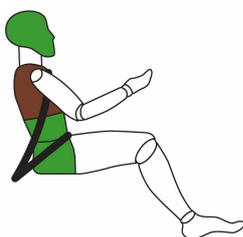
8 pts

SIDE IMPACT POLE

6,6 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,8 pts



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	5mm
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	Brake - 3mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard, cloth 4 way manual
Head restraint type	Passive
Geometric assessment	1 pts

TESTS

- High severity	1,9 pts
- Medium severity	1,7 pts
- Low severity	2,2 pts

TEST RESULTS

CHILD OCCUPANT

Total 40 pts | 81%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Fair G0/1 ISOFIX
Facing rearward facing
Installation ISOFIX and Supportleg



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 Fair G0/1 ISOFIX
Facing rearward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

Safety features score **4 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	N/A	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
FAIR G0/1 (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
FAIR G0/1 (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A

PEDESTRIAN

Total 21 pts | 57%



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

HEAD	14,8 pts
PELVIS	0 pts
LEG	6 pts

SAFETY ASSIST

Total 5 pts | 55%

SPEED ASSISTANCE SYSTEM 0 pts

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- DSC Pass

Yaw rate ratio (1.00s) 4,25 %

Yaw rate ratio (1.75s) 4,44 %

Lateral displacement (1.07s) 3,12 m

SEATBELT REMINDER 2 pts

- driver and passenger Pass

- rear Not Available

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	BMW i3 standard trim, LHD
Body type	5 door hatchback
Year of publication	2013
Kerb weight	1250kg
VIN from which rating applies	applies to all i3s of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners

Front seatbelt load limiters

Driver frontal airbag

Front passenger frontal airbag

Side body airbags

Side head airbags

Electronic Stability Control

Seatbelt Reminder

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. BMW showed that a similar level of protection would be available to occupants of different sizes and to those sat in different positions. In the side barrier test, the i3 scored maximum points, with good protection of all body regions. In the more severe side pole impact, dummy readings of rib compression indicated that protection of the chest was weak. The front seats and head restraints provided marginal protection against whiplash in the event of a rear-end collision.

Child occupant

Both the 1½ and 3 year dummies were sat in rearward-facing seats, according to BMW's recommendation. Based on the dummy readings from the dynamic tests, the car scored maximum points for its protection of both infants. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the likelihood of head contact with parts of the vehicle interior. A disabling system is available as an option for the front passenger airbag, allowing 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. The risks of using a rearward-facing seat in the front passenger seat without first disabling the airbag are clearly indicated in the car. All of the child restraint types for which the car is designed could be properly installed and accommodated.

Pedestrian

The bumper scored maximum points for its protection of pedestrians' legs, with good results in all areas tested. However, the front edge of the bonnet was poor and scored no points. The bonnet provided protection to the head that was predominantly adequate or marginal, with poor results recorded at the base of the windscreen and along the stiff windscreen pillars.

Safety assist

The i3 has electronic stability control as standard equipment, and met Euro NCAP's test requirements. A seatbelt reminder is provided for the front seats but not for the rear. A system is available as an option which uses sign recognition to inform the driver of the speed limit. The driver can then set the speed limiter of the car to the appropriate speed. However, the system is not expected to reach Euro NCAP's minimum fitment rate to qualify for assessment.