

# TEST RESULTS

## BMW X1

BMW X1 2.0 diesel, LHD

2012 ★★★★★



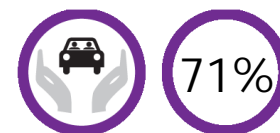
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

### ADULT OCCUPANT

Total 31 pts | 87%

#### FRONTAL IMPACT

14 pts



Driver



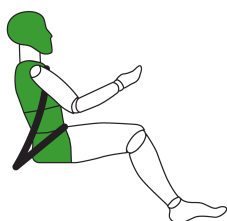
Passenger

#### SIDE IMPACT CAR

8 pts

#### SIDE IMPACT POLE

6,9 pts



Car



Pole

#### REAR IMPACT (WHIPLASH)

2,5 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	none
Upward pedal movement	accelerator - 9mm

#### SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

#### WHIPLASH

Seat description	Standard, cloth, 2 way manual adjust
Head restraint type	Passive
Geometric assessment	0,1 pts

##### TESTS

- High severity	2,3 pts
- Medium severity	2,1 pts
- Low severity	2,3 pts

# TEST RESULTS

## CHILD OCCUPANT

Total 42 pts | 86%

### 18 MONTH OLD CHILD

**Restraint** Fair G 0/1 Isofix  
**Group** 0, 0+  
**Facing** rearward  
**Installation** ISOFIX anchorages



**PERFORMANCE** 12 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 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 G 0/1 Isofix  
**Group** 1  
**Facing** forward  
**Installation** ISOFIX anchorages



**PERFORMANCE** 11,1 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 pts

### FRONTAL IMPACT

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

### SIDE IMPACT

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

### VEHICLE BASED ASSESSMENT

7 pts

### Airbag warning Label

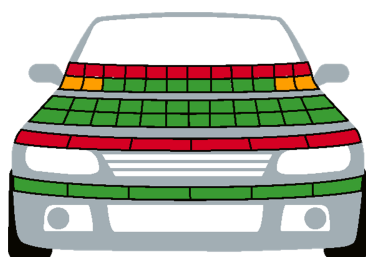
Permanently attached text and pictogram label on both sides of the passenger sun visor

## PEDESTRIAN

Total 23 pts | 64%

## SAFETY ASSIST

Total 5 pts | 71%



**GOOD**  
**MARGINAL**  
**POOR**

**HEAD** 16,9 pts  
**PELVIS** 0 pts  
**LEG** 6 pts

### SPEED LIMITATION ASSISTANCE

0 pts

- , not available

Not assessed

### ELECTRONIC STABILITY CONTROL (ESC)

3 pts

- DSC

Pass

Yaw rate ratio (1.00s)

1,50 %

Yaw rate ratio (1.75s)

1,64 %

Lateral displacement (1.07s)

3,38 m

### SEATBELT REMINDER

2 pts

- driver

Pass

- passenger

Pass

- rear

Not assessed

## DETAILS OF TESTED CAR

### SPECIFICATIONS

<b>Tested model</b>	BMW X1 2.0 diesel, LHD
<b>Body type</b>	5 door SUV
<b>Year of publication</b>	2012
<b>Kerb weight</b>	1490kg
<b>VIN from which rating applies</b>	applies to all X1s of the specification tested

### SAFETY EQUIPMENT

<b>Front seatbelt pretensioners</b>	
<b>Front seatbelt load limiters</b>	
<b>Driver frontal airbag</b>	single stage
<b>Front passenger frontal airbag</b>	single stage
<b>Side body airbags</b>	
<b>Side head airbags</b>	
<b>Speed Limitation Assistance</b>	
<b>Electronic Stability Control</b>	DSC, standard equipment
<b>Seatbelt Reminder</b>	driver and front passenger seats

## COMMENTS

The rating of the BMW X1 has been upgraded from 2011 to 2012. The car is unchanged and test results have been carried over from the previous year. The 2012 rating reflects the X1's performance against Euro NCAP's latest requirements.

### Adult occupant

The passenger compartment remained stable in the frontal impact, the windscreen pillar moving rearwards less than 5mm. Dummy readings indicated good protection of the knees and femurs of both driver and passenger. BMW were able to demonstrate that occupants of different sizes, and those sat in different positions, would be similarly well protected. In the side barrier impact, the car scored maximum points, with good protection of all body regions. In the more severe side pole test, dummy readings indicated marginal chest protection. Protection against whiplash injuries in rear impacts was also rated as marginal.

### Child occupant

Based on dummy readings, the X1 scored maximum points for its protection of the 1½ year old in the frontal and side barrier impacts. Forward movement of the head was well controlled in the frontal impact and, in the side impact, both dummies were properly contained by the restraints. The front passenger airbag can be disabled by BMW dealers to allow a rearward facing child restraint to be used in that seating position. A label clearly warns of the dangers of using a rearward facing child seat in that seat without first disabling the airbag.

### Pedestrian

Euro NCAP's pedestrian tests have changed for 2010 so, as part of the upgrade of its rating, the X1 had new tests done. The bumper scored maximum points for protection of pedestrians' legs. However, the front edge of the bonnet provided poor protection and scored no points in Euro NCAP's tests. In all areas where a child's head might strike, the bonnet offered good protection, even at the outer edges. The protection offered to the head of a struck adult was also good in some areas but was poor around the base of the windscreen.

### Safety assist

The X1 is fitted with electronic stability control (ESC) as standard equipment on all variants. Likewise, a seatbelt reminder is standard for the driver and front passenger seats.