

TEST RESULTS

BMW X1

BMW X1 2.0 diesel, LHD

2011 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 31 pts | 87%

FRONTAL IMPACT

14 pts



Driver



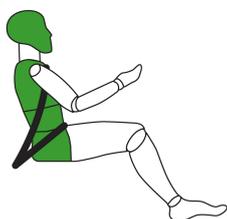
Passenger

SIDE IMPACT CAR

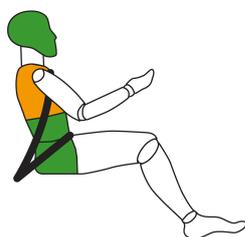
8 pts

SIDE IMPACT POLE

6,9 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,5 pts



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

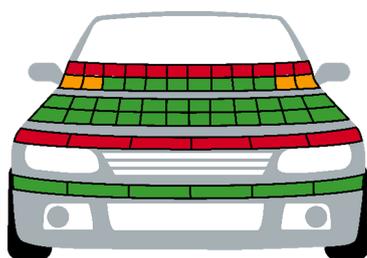
Permanently attached text and pictogram label on both sides of the passenger sun visor

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

- 0, not available

ELECTRONIC STABILITY CONTROL (ESC)

3 pts

- standard

SEATBELT REMINDER

2 pts

- driver 1 pts
 - passenger 1 pts

DETAILS OF TESTED CAR

SPECIFICATIONS

| | |
|--------------------------------------|--|
| Tested model | BMW X1 2.0 diesel, LHD |
| Body type | 5 door SUV |
| Year of publication | 2011 |
| Kerb weight | 1490kg |
| VIN from which rating applies | applies to all X1s of the specification tested |

SAFETY EQUIPMENT

| | |
|---------------------------------------|--------------|
| Front seatbelt pretensioners | |
| Front seatbelt load limiters | |
| Driver frontal airbag | single stage |
| Front passenger frontal airbag | single stage |
| Side body airbags | |
| Side head airbags | |

COMMENTS

The rating of the BMW X1 has been upgraded from 2010 to 2011. The car is unchanged and test results have been carried over from the previous year. For 2011, Euro NCAP's assessment of Safety Assist incorporates a track test of the Electronic Stability Control (ESC) system. The 2011 rating reflects the X1's performance against the 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.