# Test Results

## BMW X3

**BMW X3 2.0 Diesel**

<table>
<thead>
<tr>
<th>Test Case</th>
<th>Score</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ADULT OCCUPANT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FRONTAL IMPACT</strong></td>
<td>14.6 pts</td>
<td>Head: Driver airbag contact stable, Passenger airbag contact stable. Chest: Passenger compartment stable, Windscreen Pillar rearward 7mm, Steering wheel rearward none, Steering wheel upward 7mm, Chest contact with steering wheel none. <strong>UPPER LEGS, KNEES AND PELVIS</strong> Stiff structures in dashboard None, Concentrated loads on knees None. <strong>LOWER LEGS AND FEET</strong> Footwell Collapse none, Rearward pedal movement brake - 24mm, Upward pedal movement brake - 6mm. <strong>SIDE IMPACT</strong> Head protection airbag Yes, Chest protection airbag Yes. <strong>WHIPLASH</strong> Seat description Standard, cloth, 4-way manual adjustment, Head restraint type Active, Geometric assessment 0.2 pts. <strong>TESTS</strong> - High severity 2.2 pts, - Medium severity 2.4 pts, - Low severity 2.3 pts.</td>
</tr>
<tr>
<td><strong>SIDE IMPACT CAR</strong></td>
<td>8 pts</td>
<td></td>
</tr>
<tr>
<td><strong>SIDE IMPACT POLE</strong></td>
<td>6.4 pts</td>
<td></td>
</tr>
<tr>
<td><strong>REAR IMPACT (WHIPLASH)</strong></td>
<td>2.6 pts</td>
<td>GOOD, ADEQUATE, MARGINAL, WEAK, POOR.</td>
</tr>
</tbody>
</table>
**CHILD OCCUPANT**

**18 MONTH OLD CHILD**
- **Restraint Group**: Fair G0/1S
- **Facing**: rearward
- **Installation**: ISOFIX anchorages and support frame

**FRONTAL IMPACT**
- Head forward movement: protected
- Head acceleration: good
- Chest load: good

**SIDE IMPACT**
- Head containment: protected
- Head acceleration: good

**PERFORMANCE** 11.9 pts
**INSTRUCTIONS** 4 pts
**INSTALLATION** 2 pts

**3 YEAR OLD CHILD**
- **Restraint Group**: Fair G0/1S
- **Facing**: forward
- **Installation**: ISOFIX anchorages and support frame

**FRONTAL IMPACT**
- Head forward movement: protected
- Head acceleration: good
- Chest load: good

**SIDE IMPACT**
- Head containment: protected
- Head acceleration: good

**PERFORMANCE** 12 pts
**INSTRUCTIONS** 4 pts
**INSTALLATION** 2 pts

**VEHICLE BASED ASSESSMENT** 5 pts
**Airbag warning Label**: Text and pictogram label permanently attached to the sun visor

**PEDESTRIAN** Total 19 pts | 53%
- **HEAD**: 13.1 pts
- **PELVIS**: 0 pts
- **LEG**: 6 pts

**SAFETY ASSIST** Total 5 pts | 71%
- **SPEED LIMITATION ASSISTANCE**: 0 pts
  - Not assessed
- **ELECTRONIC STABILITY CONTROL (ESC)**: 3 pts
  - DSC: Pass
  - Yaw rate ratio (1.00s): 1.70%
  - Yaw rate ratio (1.75s): 2.30%
  - Lateral displacement (1.07s): 3.04 m
- **SEATBELT REMINDER**: 2 pts
  - Driver: Pass
  - Passenger: Pass
  - Rear: Not assessed
DETAILS OF TESTED CAR

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Tested model</th>
<th>BMW X3 2.0 Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body type</td>
<td>5 door SUV</td>
</tr>
<tr>
<td>Year of publication</td>
<td>2011</td>
</tr>
<tr>
<td>Kerb weight</td>
<td>1790kg</td>
</tr>
<tr>
<td>VIN from which rating applies</td>
<td>Applies to all X3 of the specification tested</td>
</tr>
</tbody>
</table>

SAFETY EQUIPMENT

<table>
<thead>
<tr>
<th>Front seatbelt pretensioners</th>
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<tbody>
<tr>
<td>Front seatbelt load limiters</td>
</tr>
<tr>
<td>Driver frontal airbag</td>
</tr>
<tr>
<td>Front passenger frontal airbag</td>
</tr>
<tr>
<td>Side body airbags</td>
</tr>
<tr>
<td>Side head airbags</td>
</tr>
<tr>
<td>Electronic Stability Control</td>
</tr>
<tr>
<td>Seatbelt Reminder</td>
</tr>
</tbody>
</table>

COMMENTS

**Adult occupant**

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection for the knees and femurs of both the driver and front passenger dummies and BMW showed that a similar level of protection would be offered to occupants of different sizes and to those sat in different seating positions. The X3 scored maximum points for the protection it provided in the side barrier test. In the more severe side pole impact, protection of the chest was weak. The front seat and head restraint provided marginal protection against whiplash injuries in a rear-end collision.

**Child occupant**

Based on dummy readings in the frontal and side impact tests, the X3 scored maximum points for protection of the 3 year child and lost only a fraction of a point for the 18 month old child. Although the passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position, insufficient information is provided to the driver regarding the status of the airbag preventing any reward for the system. Permanently attached labels on the sun visor clearly warn of the dangers of using a rearward facing child seat in that position without first disabling the airbag.

**Pedestrian**

The bumper provided good protection to pedestrians’ legs. However, the entire front edge of the bonnet provided poor protection. In most areas likely to be struck by the head of a child, the bonnet offered only marginal or poor protection. In those areas likely to be struck by an adult’s head, the protection was mostly good with some poor performing areas.

**Safety assist**

Electronic stability control is standard on the X3 and met Euro NCAP’s requirements. There is a seatbelt reminder system for the driver and passenger, but not for the rear seats. The X3 is not available with a speed limitation device.