

# TEST RESULTS

## BMW 3 Series



RATING	SCORE	Front: 16	Side: 15	Seatbelt reminder: 2	Pole: 2
<b>ADULT OCCUPANT</b> ★ ★ ★ ★ ★	<b>35</b>				
<b>CHILD OCCUPANT</b> ★ ★ ★ ★ ☆	<b>39</b>				
<b>PEDESTRIAN</b> ★ ☆ ☆ ☆ ☆	<b>4</b>				

### Adult occupant protection



Frontal impact driver



Frontal impact passenger



Side impact driver

<span style="color: green;">■</span>	GOOD
<span style="color: yellow;">■</span>	ADEQUATE
<span style="color: orange;">■</span>	MARGINAL
<span style="color: brown;">■</span>	WEAK
<span style="color: red;">■</span>	POOR

### Child restraints

**18 month old Child** Fair BimboFix Type II, rearward facing

**3 year old Child** Fair BimboFix Type II, forward facing

### Pedestrian protection

No image car front available

### Safety equipment

Front seatbelt pretensioners	<input checked="" type="checkbox"/>
Front seatbelt load limiters	<input checked="" type="checkbox"/>
Driver frontal airbag	<input checked="" type="checkbox"/>
Front passenger frontal airbag	<input checked="" type="checkbox"/>
Side body airbags	<input checked="" type="checkbox"/>
Side head airbags	<input checked="" type="checkbox"/>
Driver knee airbag	<input type="checkbox"/>
ISOfix front	<input type="checkbox"/>
ISOfix rear	<input checked="" type="checkbox"/>

### Car details

Hand of drive	LHD
Tested model	BMW 3-Series 320d
Body type	large family car
Year of publication	2005
Kerb weight	1490
VIN from which rating applies	Applies to all applies new 3-series

### Comments

The new 3-Series achieved five stars for protecting its adult occupants. Its passenger cell remained stable and protected all of its occupants well; the car achieved almost a maximum score in the frontal impact. An intelligent seat belt reminder is fitted for the driver and passenger. Child protection was good but pedestrian protection was very poor.

#### Front impact

The body suffered minimal deformation and the driver's door opened normally after the impact. The dual-stage airbags, belt pretensioners, load limiters and the stable structure worked well, keeping the loads recorded by the adult dummies' chests and legs low. There had been much design effort to safeguard the driver's and front passenger's knees and upper legs. The footwell suffered little deformation, while extensive foam padding protected the driver's feet. Finally, control of pedal movement during the impact was good, minimising injury risks.

#### Side impact

An impressive side impact protection system includes seat mounted thorax and pelvis airbags and a head curtain airbag, which also protects rear seated occupants. The 3-series just missed obtaining a maximum score in this section of the tests.

#### Child occupant

The car tested had an optional manual switch for the passenger frontal airbag. Its 'off' status' is shown by a lighted pictogram and message on the overhead display next to the rear view mirror. Both children were carried in Fair Bimbo Fix child seats, fitted using the ISOFIX anchorages and support legs, the older child forward facing and the younger rear facing. Both were well protected throughout. There were passenger airbag warning labels in the form of a pictogram label fitted to the passenger door pillar and a

text label on the screen. Neither label was permanently attached nor did they warn of the danger of placing a child in a rear facing restraint opposite an active airbag.

### **Pedestrian**

The car scored just 4 points out of a possible 36. Only small areas of the bonnet top where an adult's and a child's head might strike provided any cushioning. The 3-Series' bumper and bonnet leading edge gave no measurable protection: overall, a very disappointing result for a new design.