

Overall Evaluation*



Overall rating* 56% * High risk of life threatening chest injury in side impact test.

Variant: LS 5-door hatchback Engine: 4 Cyl. 1.8 litre. Kerb weight: 1300 kg Category: LARGE/MEDIUM CAR Vehicles built: August 1996 Tested by Euro-NCAP as *Vauxhall* Vectra

OVERALL EVALUATION : 3 Stars*

The Vectra performed reasonably well in the offset crash test. The passenger compartment held its shape except for moderate footwell intrusion. The driver had an airbag and was well protected from serious head injury. The passenger did not have an airbag but was also well protected. Protection from serious leg injury was poor for the driver.

In the side impact crash there was a high risk of life threatening chest injury for the driver and a moderate risk of abdomen injury.

Safety features

A driver's airbag is standard equipment.

The front seat belt buckles are mounted on the seats and the upper anchorages are adjustable. These features improve the fit of the seat belt. Lap/sash (3 point) seat belts are fitted to all seats, including the centre rear seat.

STRUCTURE : GOOD

Offset crash test

The passenger compartment held its shape well in the offset crash test, except for excessive footwell intrusion. The front part of the driver's floor was pushed rearwards 15cm. The brake pedal moved rearwards by 13cm. The roof buckled upwards above the driver and the width of the driver's doorway shortened by 5cm. All doors remained closed during the crash. After the crash extra effort was required to open the driver's door.

RESTRAINTS

Offset crash test

The airbag cushioned the head of the driver and contact was stable. There was excessive upward movement of the steering column and protection from serious head injury was rated as adequate. There was a moderate risk of serious chest injury. The passenger's head did not hit anything and protection from serious head injury was good. However, there was a moderate risk of serious chest injury.

Side impact crash test (no front passenger)



Offset crash test at 64km/h

Protection for the driver's head and pelvis was rated as good but there was a high risk of serious chest injury and a moderate risk of serious abdomen injury.

INJURY MEASUREMENTS

Refer to the information sheet "How the test are done"		Offset Crash Test at 64km/h	
	Driver	Passn	Driver
Head HIC	572	433	154
Acceleration (g for 3ms	5) 70	47	56
Neck - Shear (kN)	0.8	1.9	-
Tension (kN)	1.7	1.8	-
Extension (Nm)	23	18	-
Chest AccIn (g for 3ms) -	-	-
Compression (mm)	37	45	44
Viscous criterion (m/s)	0.17	0.15	1.1
Abdomen - Force (kN)	-	-	1.8
Pelvis - Force (kN)	-	-	2.8
Upper legs Force Let	it 2.1	0.5	
(kN) Rig	nt 1.3	1.8	
Knee displ (mm) Left	1.7	0.3	
Rig	nt 2.7	3.9	
Lower legs Comp Left	1	1.6	
(kN) Rig	nt 2.4	1.7	
Index (Upper/Low) Le	ft 0.5/0.4	0.34/0.27	
Rig	nt 0.4/1.6	0.52/0.34	



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