

Crash Tests

New Car Safety

AUDI A3*

1997 on

Dual front & side airbags



Offset crash test at 64km/h

Overall Evaluation



Overall score

25.14 out of 34

Variant: 3 Door Hatch
Kerb weight: 1090 kg
Vehicles built: Oct 97

Engine: 4 Cyl. 1.6 litre.
Category: SMALL CAR
Tested by EuroNCAP

***Important note:** The European model was tested by EuroNCAP. Australian specifications may vary and therefore models sold in Australia might provide different levels of protection to those described on this page.

Safety features

Dual front and side airbags are 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. Pretensioners are fitted to front and rear (outboard) seat belts to reduce slack in the event of a severe crash. The centre rear seat has a 3-point seat belt.

OVERALL EVALUATION : 4 Stars

The AUDI A3 performed reasonably well in the offset crash test (score 9.39 out of 16). The passenger compartment held its shape well. The driver and passenger were protected by airbags. There was a moderate risk of serious leg injury for the driver.

The vehicle performed very well in the side impact crash (score 15.75 out of 16).

FRONTAL OFFSET CRASH TEST

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 15cm. The roof was starting to buckle upwards at the top of the front pillar and the width of the driver's doorway shortened by 5cm. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

The airbag cushioned the head of the driver and contact was stable. Rebound was well controlled. The passenger was also well protected by the airbag, although chest protection could be improved.

SIDE IMPACT CRASH TEST

The centre pillar and the side doors were pushed inwards moderately.

The side airbags cushioned the chest and abdomen. The vehicle was not eligible for a Pole Impact Test since it did not have head-protecting side airbags. This test can earn eligible vehicles an extra two points, giving a maximum possible overall score of 34 points.

INJURY MEASUREMENTS

Refer to the information sheet "How the test are done"	Offset Crash Test at 64km/h		Side Impact Crash Test at 50km/h
	Driver	Passn	Driver
Head HIC	233	187	71
Acceleration (g for 3ms)	40	33	32
Neck - Shear (kN)	0	0	-
Tension (kN)	0	0	-
Extension (Nm)	17	12.44	-
Chest Accln (g for 3ms)	49	52	-
Compression (mm)	29	34	23
Viscous criterion (m/s)	0.19	0.17	0.23
Abdomen - Force (kN)	-	-	1.02
Pelvis - Force (kN)	-	-	2.4
Upper legs Force	Left	0	0
(kN) Right	0	0	
Knee displ (mm)	Left	0.17	1.5
Right	8.2	0.49	
Lower legs Force	Left	1.5	1.8
(kN) Right	3	0.9	
Index (Upper/Low)	Left	0.25/0.29	0.25/0.23
Right	0.69/0.52	0.25/0.08	

Modifiers for offset test scores

Head		Nil
Chest		Nil
Upper leg	Variable & conc. loading	2 pt penalty L & R
Foot score	Brake pedal movement	2.08 score

PEDESTRIAN RATING:



August 2000

Published by
New Car Assessment Program
PO Box 1555
Canberra ACT Australia 2601
www.nrma.com.au
a3_00.doc revised 26 Nov 2001