

# Suzuki Grand Vitara



Euro NCAP Category  
**SMALL OFF-ROADER**



## TEST RATINGS

### ADULT OCCUPANT PROTECTION



**SCORES:** FRONT 11 (69%)  
SIDE 18 (100%)  
SEATBELT REMINDER 1  
OVERALL 30

### CHILD OCCUPANT PROTECTION



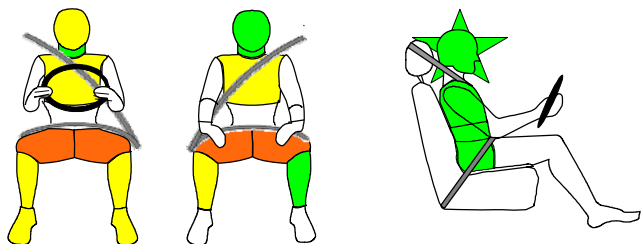
**SCORE:** 27 (55%)

### PEDESTRIAN PROTECTION



**SCORE:** 19 (53%)

## ADULT OCCUPANT PROTECTION

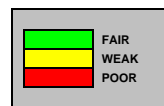
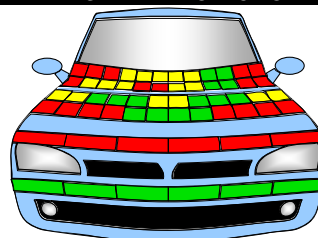


Above: driver and passenger injury risks in 64km/h frontal impact



Above: driver injury risks in 50km/h side impact with head protection in pole test

## PEDESTRIAN PROTECTION



## TEST RESULTS IN FULL

FRONTAL IMPACT HEAD	
Driver airbag contact	bottomed-out
Passenger airbag contact	stable
Steering Wheel	
rearward displacement	25mm
upward displacement	37mm
lateral displacement	2mm to the left
FRONTAL IMPACT CHEST	
Contact with steering wheel	none
Screen pillar rearward	37mm
Passenger compartment integrity	stable
FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS	
Stiffer structures present	yes: steering column, column shroud mounting turret, ignition lock mechanism, glovebox lid, fascia flange
Concentrated knee loading	yes: steering column, column shroud mounting turret, ignition lock mechanism, glovebox lid
FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES	
Rearward pedal displacement	brake - 59mm
Upward pedal displacement	none
Footwell rupture	rupture
SIDE IMPACT AIRBAGS	
Head protection airbag	yes
Torso protection airbag	yes
CHILD PROTECTION	
Restraints used	
18 month old	Britax-Römer Duo Plus ISOFIX, forward-facing using ISOFIX anchorages and top-tether
3 year old	Britax-Römer Duo Plus ISOFIX, forward-facing using ISOFIX anchorages and top-tether
CHILD RESTRAINTS FRONTAL IMPACT	
Airbag disabling/warning label	Text and pictogram warning label permanently attached to both sides of the passenger sun visor.
Forward head movement	
18 mth old (behind passenger)	protected
3 year old (behind driver)	protected
Chest Protection	
18 mth old: total load	fair
vertical load	good
3-year-old: total load	fair
vertical load	fair
CHILD RESTRAINTS SIDE IMPACT	
Head protection	
18 mth old (struck side)	protected
3 year old (non-struck side)	protected
Head acceleration	
18 mth old	good
3 year old	good

## CAR TESTED



Make, model and hand of drive	Suzuki Grand Vitara 1.9DDiS JLX-A <sup>†</sup> , LHD
Body type	5 door SUV
Year tested	2007
Kerb weight	1665kg
VIN from which Euro NCAP rating applies	JSAJTD44V00213700
Safety Equipment	Driver and passenger frontal airbags; side impact airbag; head-protecting curtain airbag; front seatbelt-pre-tensioners and load-limiters; ISOFIX and top-tether anchorages in rear outboard seats; driver's seatbelt reminder system; ABS and brake-assist
	<sup>†</sup> JLX-E is equivalent grade in Belgium, Germany, Denmark, Luxembourg and Sweden



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## COMMENTS

<b>FRONTAL IMPACT</b>	There was insufficient pressure in the driver's airbag to prevent the dummy's head from 'bottoming-out' the airbag onto the steering wheel. There was some detachment of spot welds in the driver's footwell area and considerable deformation which posed a risk to the driver's lower legs and ankles. Structures in the dashboard presented a risk of injury to the knees and femurs of the driver and passenger.
<b>SIDE IMPACT</b>	The Grand Vitara scored maximum points in the side impact and pole tests.
<b>CHILD PROTECTION</b>	The front passenger airbag cannot be disabled so a rearward-facing child restraint should not be used in that seating position. The labels warning of the dangers of doing so were clear but were not available in the languages of all European countries. The presence of ISOFIX and top-tether anchorages in the rear outboard seats was not clearly marked.
<b>SEATBELT REMINDER</b>	There is a seatbelt reminder for the driver's seat.
<b>PEDESTRIAN PROTECTION</b>	The bumper scored maximum points for the protection it offered to pedestrians' legs. However, the leading edge of the bonnet scored no points.

Euro NCAP's rating applies fully only to the model with the specifications detailed here. Some equipment may not be fitted as standard to all versions in all countries. You should ensure that your car is fitted with the safety equipment you require.

