

EUROPEAN NEW CAR
 ASSESSMENT PROGRAMME
RENAULT GRAND SCENIC



2009

	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	32.707	37.244	15.123	6.900	
Max Points available	36	49	36	7	
Normalised Score (%)	91	76	42	99	
Weighting (%)	50	20	20	10	TOTAL
Weighted Percentage Score	45.5	15.2	8.4	9.9	79

Rating Requirements (2009)

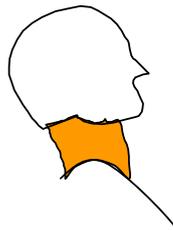
	Normalised Score (%)				TOTAL
★★★★★★	75	70	25	60	70
★★★★★	60	55	15	40	55
★★★★	30	30	10	25	45
★★★	25	25	5	15	35
★★	15	15	0	5	20



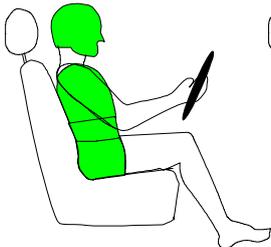
Driver



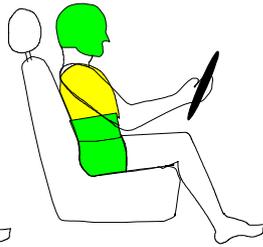
Passenger



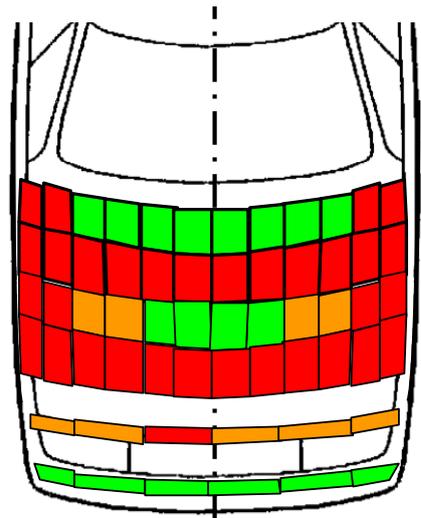
Rear Impact (Whiplash)



Side



Pole



TEST RESULTS IN FULL	
FRONTAL IMPACT HEAD	
Driver airbag contact	stable
Passenger airbag contact	stable
Steering Wheel	
rearward displacement	none
upward displacement	none
lateral displacement	5mm to the right
FRONTAL IMPACT CHEST	
Contact with steering wheel	none
Screen pillar rearward	11mm
Passenger compartment integrity	stable
FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS	
Stiffer structures present	none
Concentrated knee loading	none
FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES	
Rearward pedal displacement	clutch - 48mm
Upward pedal displacement	none
Footwell rupture	none
SIDE IMPACT AIRBAGS	
Head protection airbag	yes
Torso protection airbag	yes
CHILD PROTECTION	
Restraints used	
18 month old	Renault branded Britax Römer Baby Safe ISOFIX Plus, rearward facing using ISOFIX anchorages and support base
3 year old	Renault branded Britax Römer Duo Universal, 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	good
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	Renault Grand Scenic, 1.5 diesel 'Expression', LHD
Body type	5 door MPV
Year tested	2009
Kerb weight	1507kg
Chassis number from which Euro NCAP rating applies	applies to all 2009 MY Grand Scenics of specification tested
Safety Equipment	Driver and passenger dual stage frontal airbags; side impact chest airbag; side impact head airbag; front seatbelt double pretensioners and load limiters; rear seatbelt load limiters; ISOFIX and top tether anchorages in rear seats; front and rear seatbelt reminder system; electronic stability control.



COMMENTS

ADULT OCCUPANT	The passenger compartment remained stable in the frontal impact. Dummy readings indicated generally good protection, with adequate protection for the chest of both front seat occupants. The knees, femurs and pelvis were well protected in the test and Renault showed that a similar level of protection would be available to occupants of different sizes and to those sat in different positions. Maximum points were scored in the side barrier test and the chest was adequately protected in the more severe side pole impact. Protection against whiplash injuries in a rear impact was rated as marginal.
CHILD PROTECTION	In the dynamic tests, dummy readings of load and acceleration were not excessive. The head of the 3 year dummy did not move forward too far in the frontal impact and both dummies were properly contained by their restraints in the side impact. The passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag is not sufficiently clear and the system was not rewarded.
PEDESTRIAN PROTECTION	The bumper scored maximum points for providing good protection to pedestrians' legs. However, the front edge of the bonnet did not perform so well and was rated as predominantly marginal. The bonnet offered poor protection in most areas likely to be struck by the head of a child or an adult.
SAFETY ASSIST	Electronic Stability Control (ESC) is standard equipment in most European countries but is optional in some. Sales of the Grand Scenic with ESC as standard are expected to exceed Euro NCAP's fitment requirements for 2009. The same is true of the speed limitation device, a driver-set system which actively prevents excess speed. The car is also equipped with a seatbelt reminder system for front and rear seats.

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.



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