

Dacia Sandero with Safety Pack

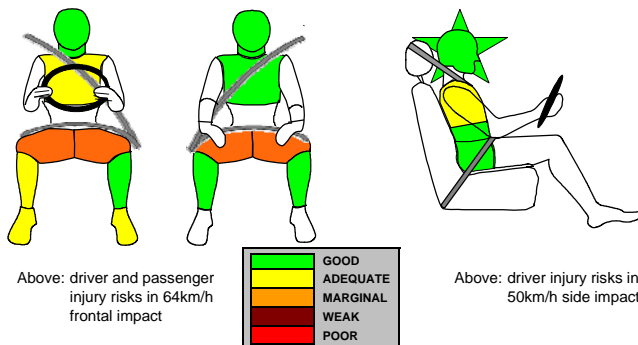


Euro NCAP Category
SUPERMINI

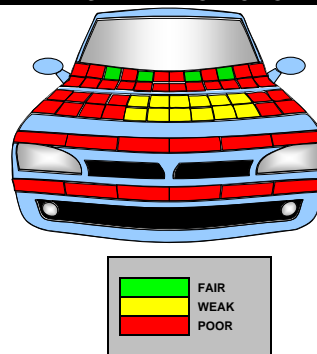
TEST RATINGS

ADULT OCCUPANT PROTECTION	SCORES:	FRONT	14 (88%)
		SIDE	17 (94%)
		SEATBELT REMINDER	0
		OVERALL	31
CHILD OCCUPANT PROTECTION	SCORE:		38 (78%)
PEDESTRIAN PROTECTION	SCORE:		6 (17%)

ADULT OCCUPANT PROTECTION



PEDESTRIAN PROTECTION



TEST RESULTS IN FULL	
FRONTAL IMPACT HEAD	
Driver airbag contact	stable
Passenger airbag contact	stable
Steering Wheel	
rearward displacement	18mm
upward displacement	71mm
lateral displacement	22mm to the right
FRONTAL IMPACT CHEST	
Contact with steering wheel	none
Screen pillar rearward	36mm
Passenger compartment integrity	stable
FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS	
Stiffer structures present	yes: steering column and adjuster; facia cover; passenger airbag housing; glovebox lid.
Concentrated knee loading	yes: steering column and adjuster; facia cover; passenger airbag housing; glovebox lid.
FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES	
Rearward pedal displacement	clutch - 99mm
Upward pedal displacement	clutch - 25mm
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 base and support leg
3 year old	Renault branded Britax Römer Duo Plus, forward-facing using ISOFIX and top-tether anchorages
CHILD RESTRAINTS FRONTAL IMPACT	
Airbag disabling/warning label	Non-permanent text and pictogram warning label on 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	good
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	Dacia Sandero 1.5dCi E2, safety option pack
Body type	5 door hatchback
Year tested	2008
Kerb weight	1105kg
Chassis number from which Euro NCAP rating applies	applies to Sanderos with safety pack (available as standard or as an option)
Safety Equipment	Driver and passenger single-stage frontal airbags; side impact thorax and head-protecting airbag; front seatbelt pretensioners and 4kN load-limiters; ISOFIX and top tether anchorages in rear outboard seats; ABS and brake-assist.



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COMMENTS	
FRONTAL IMPACT	For this test, the Sandero was fitted with front seatbelt pretensioners and a more refined load-limiter which helped to reduce the loading on the dummies' chests. Structurally, the two cars performed very similarly with some spot welds releasing at the base of the A-pillar but the passenger compartment remaining stable. Structures in the dashboard presented a risk of injury to the knees and femurs of both the driver and passenger.
SIDE IMPACT	In this test, the Sandero was fitted with the side impact thorax and head-protecting airbag which is fitted either as standard equipment or as an option. Compared to the base car, protection of the pelvis, abdomen and, in particular, the chest is improved. Protection of the head is good and the car scored maximum points in the pole test.
CHILD PROTECTION	The passenger airbag can be deactivated to allow a rearward facing child restraint to be used. However, information provided to the driver regarding the status of the airbag is not sufficiently clear. The label warning of the dangers of using a rearward facing child seat without having first disabled the airbag was unclear and was not permanently attached. The presence of ISOFIX anchorages in the rear outboard seats was not clearly marked.
SEATBELT REMINDER	There is no seatbelt reminder on the Dacia Sandero.
PEDESTRIAN PROTECTION	Neither the bumper nor the front edge of the bonnet scored any points for the protection offered to pedestrians' legs. The bonnet surface was rated as predominantly poor for the protection offered to the head of both a struck child and an adult.

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.

