Offset crash test at 64km/h

ANCAP Rated ★★★★☆ **Occupant Protection**

Occupant Protection Score	**32.49 out of 37**

Variant: 5-door	Eng: 2.2 diesel
Kerb mass 1810 kg	Category: SUV - LARGE
Vehicles built: 2011	Tested by Euro NCAP

Important note: The *diesel right-hand-drive* European model was tested by Euro NCAP. Australasian specifications may vary and therefore models sold in Australasia might provide different levels of protection to those described on this page.

Model History and Safety Features

The tested model of Range Rover Evoque was introduced in Australia and New Zealand during 2011. This ANCAP rating currently applies to the diesel 5-door Evoque. Further technical information is being sought about other variants.
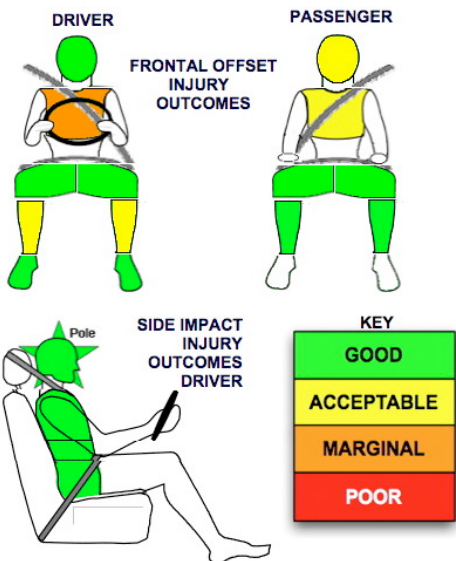
Dual front airbags, side airbags, head-protecting side curtains and a driver knee airbag are standard equipment. Antilock brakes (ABS), electronic brakeforce distribution (EBD) and electronic stability control (ESC) are also standard. Intelligent seat belt reminders are fitted all seats.

Pretensioners are fitted to the front seat belts to reduce slack in the event of a crash.

OCCUPANT PROTECTION: 4 Stars

The Range Rover Evoque scored 12.39 out of 16 in the offset crash test. (ANCAP requires at least 12.5 for a 5-star rating). The passenger compartment held its shape well. Protection from serious chest injury was marginal for the driver.

The vehicle scored 16 out of 16 in the side impact crash test and a further two points in the pole test.

FRONTAL OFFSET CRASH TEST

Body region scores out of 4 points each: Head/neck 3 pts, chest 2.25 pts, upper legs 4 pts, lower legs 3.14 pts.

The passenger compartment held its shape well in the offset crash test. The accelerator pedal moved rearwards by 51 mm and upwards 27 mm. The steering wheel hub moved 25mm forward and 1 mm sideways. The front ("A") pillar moved 31 mm rearwards. All doors remained closed during the crash. After the crash the driver's door could be opened with high manual effort.

The airbag cushioned the head of the driver and contact was stable. The passenger's head was cushioned by the airbag but Euro NCAP found that it allowed the head to contact the dashboard and so a one point deduction was applied. There were no knee hazards.

SIDE IMPACT CRASH TEST

Body region scores out of 4 points each: Head 4 pts, chest 4 pts, abdomen 4 pts, pelvis 4 pts.
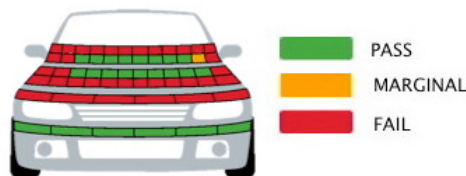
The side impact test simulates a small car striking the driver's door of the vehicle under test. Experience shows that high vehicles like the Evoque can be expected to perform well in this test and it scored full marks. The vehicle was eligible for a pole impact test, since it had head-protecting side airbags. The vehicle earned the maximum two points in this test.

PEDESTRIAN PROTECTION: Marginal

Only the bumper scored maximum points, for the protection it provided to pedestrians' legs. The front edge of the bonnet scored no points, offering poor protection in all areas. The bonnet provided predominantly poor protection in the areas likely to be struck by a pedestrian's head.

PEDESTRIAN PROTECTION		
MARGINAL	Child head impacts	4.5
	Adult head impacts	4.25
	Upper leg impacts	Zero
Tested by Euro NCAP v5.3	Lower leg impacts	6
	Total (out of 36)	14.75

- PASS
- MARGINAL
- FAIL

DECEMBER 2011

ANCAP Crash testing for safety
AUSTRALASIAN NEW CAR ASSESSMENT PROGRAM

TECHNICAL DATA - RANGE ROVER EVOQUE - From 2011

INJURY MEASUREMENTS

Body region		Offset Crash Test at 64km/h (v5.1)		Side Impact Crash Test at 50km/h (v5.1)
		Driver	**Passenger**	**Driver**
Head HIC		331	309	20
Acceleration (g for 3ms)		46.0	45.1	17.5
Neck - Shear (kN)		0.38	0.30	-
Tension (kN)		0.84	1.06	-
Extension (Nm)		7.2	6.0	-
Chest Accln (g for 3ms)		-	-	-
Compression (mm)		34.28	23.88	13.30
Viscous criterion (m/s)		0.11	0.10	0.04
Abdomen - Force (kN)		-	-	0.400
Pelvis - Force (kN)		-	-	0.830
Upper legs Force (kN)	Left	1.80	0.00	
	Right	1.83	1.90	
Knee displ (mm)	Left	3.40	0.10	
	Right	1.50	0.00	
Lower legs Force (kN)	Left	3.29	1.60	
	Right	2.18	1.71	
Index (Upper/Low)	Left	0.33 /0.29	0.26 /0.11	
	Right	0.21 /0.17	0.31/0.21	

Bonus points (maximum 5)

Pole Test: 2 pts

Seat belt reminders: 3 (see table below for details)

Modifiers - deductions from offset test scores

Head	Passenger airbag bottomed out	1pt deduction
Chest		No deduction
Upper leg		No deduction
Lower leg		No deduction
Foot score		Score 4 points

Modifiers - deductions from side impact test scores

Chest   No deduction

Safety features

These specifications are subject to change. Please check with manufacturer for the latest specifications.

Driver airbag	S	Antilock (ABS) brakes / Electronic brake distribution / Brake Assist	S/S/S
Passenger front airbag	S	Electronic stability control (ESC, VSC, DSC, ESP, VSA)	S#
Side airbags, front seats - chest protection	S	3 point seat belt for all forward-facing seats	S
Side airbags, front seats - head protection	S	Whiplash protection (RCAR protocol)	Pending
Side airbags, rear seats - head protection	S	Intelligent seat belt reminder - driver	S
Driver knee airbag	S	Intelligent seat belt reminder - front passenger	S
Seat belt pretensioners (Front/Rear outboard)	S/X	Intelligent seat belt reminder - rear seats	S

Key:

S = standard on all variants

O = optional on base variant. May be standard on higher variants

V= not available on base variant but standard or optional on higher variants

X = not available on any variant

 # ESC required by ANCAP for 5 star rating from 2008