

TEST RESULTS

Kia Soul

Kia Soul 1.6 diesel EX, LHD

2014



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Kia Soul 1.6 diesel EX, LHD
Body type	5 door hatchback
Year of publication	2014
Kerb weight	1386kg
VIN from which rating applies	from VIN KNAJP816LF7778250

SAFETY EQUIPMENT

Frontal airbags	Driver (Single Stage), Passenger (Single Stage)
Pre-tensioners	Driver (dual), Passenger (single)
Load-limiters	Driver, Passenger
Knee airbags	None
Side airbags	Head (front and rear), Thorax (front only)
Front head restraints	Passive
Passenger airbag switch	Manual switch
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	None,
Seatbelt Reminder	Driver, Passenger, Rear
Electronic Stability Control	ESC, Standard, Manual Switch
Speed Assistance Systems	Driver-set speed limitation, Not Available
Lane Support	Not available
Autonomous Braking	None, Not Available
Other	Vehicle Stability Management (standard); Emergency Stop Signal (standard)

Safety equipment is standard across the model range unless stated otherwise

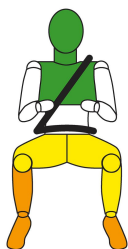
ADULT OCCUPANT

Total 29 pts | 75%

CRASH TEST PERFORMANCE

FRONT OFFSET

12,2 pts



Driver



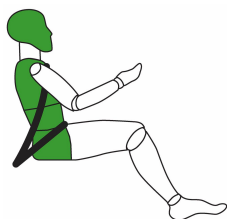
Passenger

SIDE CAR

8 pts

SIDE POLE

6,4 pts



Side car



Side pole

FRONT OFFSET

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	3mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	Steering column; end of facia
Concentrated loads on knees	Steering column; end of facia

LOWER LEGS AND FEET

Footwell Collapse	rupture
Rearward pedal movement	Clutch - 120mm
Upward pedal movement	Clutch - 41mm

SIDE

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH PROTECTION

FRONT, REAR SEATS

2 pts



Front seats



Rear seats

HEAD RESTRAINT

Seat description	Standard cloth, 6 way manual
Head restraint type	Passive
Front geometric assessment	2 pts

TESTS

- High severity	2 pts
- Medium severity	2,7 pts
- Low severity	2,3 pts

AEB CITY

0 pts

System name	Not applicable
Fitment	Not available



CHILD OCCUPANT

Total 41 pts | 82%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Römer BabySafe + ISOFIX Base
Facing rearward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint Römer Duo Plus
Facing forward facing
Installation ISOFIX and TopTether



PERFORMANCE **10,7 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load fair

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isofix

Safety features score **6 pts**
Installation check score **12 pts**

Pass Install without problem
Partial Fail Install with care
Fail Safety critical problem
Exempt Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 Isofix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer BabySafe + ISOFIX Base (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A

SAFETY ASSIST

Total 7 pts | 56%

SPEED ASSISTANCE SYSTEM 1,3 pts

Not Available	
Speed Information	Not applicable
Speed Assistance (Manual)	Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESC	Meets requirements
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SEATBELT REMINDER 3 pts

- driver and passenger	Pass
- rear	Pass

LANE SUPPORT SYSTEMS 0 pts

Not available	0
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PEDESTRIAN

Total 21 pts | 59%



HEAD	15,3 pts
PELVIS	0 pts
LEG	6 pts



COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. However, when the car was inspected after the test, it was found that spot welds had released as the front subframe was driven backwards and that this had caused a rupture in the driver footwell. This precluded any demonstration from Kia that the knees and femurs would be well protected for different occupant statures and positions, and the steering column and the edge of the centre console were thought to pose a risk of injury. In the side barrier test, the Soul scored maximum points with good protection of all critical body regions. However, in the more severe side pole test, dummy readings of rib deflection indicated weak chest protection. Cars before VIN KNAJP816LF7778250 have an earlier side airbag system with a slightly different design and deployment timing. The updated design tested by Euro NCAP offers better chest protection than the original system and Kia are contacting owners of earlier cars to have their cars updated to this specification. Protection against whiplash injuries in the event of a rear-end collision was rated as good for the front seat occupants and marginal for those in the rear.

Child occupant

The Soul scored maximum points for its protection of the 1½ year dummy in the frontal and side barrier crash tests. In the frontal impact, forward movement of the head of the 3 year dummy, sat in a forward-facing restraint, was not excessive although chest and neck loads were marginally high. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the likelihood of head contact with the vehicle interior. The front passenger airbag can be disabled to allow a rearward-facing restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All of the restraint types for which the car is designed could be properly installed and accommodated in the Soul.

Pedestrian

The protection provided by the bumper to pedestrians' legs was good at almost every test location. However, the protection provided to the pelvis by the front edge of the bonnet was poor and the Soul scored no points in this area. The protection provided by the bonnet to a pedestrian's head was predominantly good or adequate with poor results recorded only on the stiff windscreen pillars.

Safety assist

Electronic stability control is standard on the Soul, together with a seatbelt reminder system for the front and rear seating positions. A driver-set speed limitation device is an option which is expected to be fitted to most cars sold so it was included in the assessment and met Euro NCAP's requirements for systems of that type. Neither a lane assist system nor autonomous emergency braking are available on the Soul.