



**Kia Stonic**  
Standard Safety Equipment

2017



## Adult Occupant



85%

## Child Occupant



84%

## VRU Impact Protection



62%

## Safety Assist



25%

## SPECIFICATION

Tested Model	Kia Rio 1.2 GLS, LHD
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	1070kg
VIN From Which Rating Applies	- all Stonics
Class	Small Family Car

Rating Expired

## General comments

The Kia Stonic is structurally identical to the Kia Rio, assessed by Euro NCAP in September 2017, and shares the same safety equipment and interior trim. This rating for the Stonic is based on tests performed on the Rio and additional data reviewed by Euro NCAP.



## SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	●	●	✗
Belt pretensioner	●	●	●
Belt loadlimiter	●	●	●
Knee airbag	✗	✗	✗
SIDE CRASH PROTECTION			
Side head airbag	●	●	●
Side chest airbag	●	●	✗
Side pelvis airbag	●	●	✗
CHILD PROTECTION			
Isofix/i-Size	—	✗	●
Integrated CRS	—	✗	✗
Airbag cut-off switch	—	●	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●

OTHER SYSTEMS	
Active Bonnet (Hood)	✗
AEB Pedestrian	○
AEB City	○
AEB Inter-Urban	○
Speed Assistance System	○
Lane Assist System	○

Note: Other equipment may be available on the vehicle but was not considered in the test year.

● Fitted to the vehicle as standard

○ Fitted to the vehicle as part of the safety pack

○ Not fitted to the test vehicle but available as option or as part of the safety pack

✗ Not available

— Not applicable





## ADULT OCCUPANT

Total 32.5 Pts / 85%

GOOD ADEQUATE MARGINAL WEAK POOR

## Frontal Offset Deformable Barrier

6.8 Pts



Passenger



Driver

## Frontal Full Width

7.6 Pts



Rear Passenger



Driver

## Whiplash Rear Impact

2.0 Pts



Front seat



Rear seat

## Lateral Impact

16.0 Pts



Car



Pole

## AEB City

0.0

Performance:





ADULT OCCUPANT

Total 32.5 Pts / 85%



GOOD

ADEQUATE

MARGINAL

WEAK

POOR





## ADULT OCCUPANT

Total 32.5 Pts / 85%

## Comments

The passenger compartment remained stable in the frontal offset test. There was insufficient pressure in the driver's airbag to prevent the head from 'bottoming out' the airbag. Protection of the head was downgraded to adequate as a result. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. Kia showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the full-width rigid barrier test, protection of critical body areas was good or adequate for the driver and rear passenger. In the side barrier test and in the more severe side pole impact, protection of all critical parts of the body was good and the car scored maximum points in these tests. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision while a geometric assessment of the rear seats indicated marginal whiplash protection. The car has, as part of its optional safety pack, an autonomous emergency braking system but the results of those tests are not included in this rating.





## CHILD OCCUPANT

Total 41.2 Pts / 84%

GOOD

ADEQUATE

MARGINAL

WEAK

POOR

Crash Test Performance based on 6 &amp; 10 year old children

22.4 Pts

Frontal Impact

14.4 Pts



Lateral Impact

8 Pts

Restraint for 6 year old child: *Britax Römer KidFix II XP*Restraint for 10 year old child: *Graco Junior III*

Safety Features

7.0 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	✗	●	✗
i-Size	✗	●	✗
Integrated CRS	✗	✗	✗

● Fitted to test car as standard    ○ Not on test car but available as option    ✗ Not available



## CRS Installation Check

11.8 Pts

● Install without problem  
 ● Install with care  
 ● Safety critical problem  
 ✗ Installation not allowed

## ■ i-Size CRS

 Maxi Cosi 2way Pearl & 2wayFix  
(rearward) (iSize)

 Maxi Cosi 2way Pearl & 2wayFix  
(forward) (iSize)


BeSafe iZi Kid X2 i-Size (iSize)



## ■ ISOFIX CRS

Maxi Cosi Cabriofix &amp; FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)







## CHILD OCCUPANT

Total 41.2 Pts / 84%

## ■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix &amp; EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



## Comments

In the frontal offset test, protection of the chest of the 6 year dummy was rated as marginal, based on dummy readings of chest decelerations. Otherwise, protection of the 6 and 10 year dummies was good or adequate. In the side barrier test, protection of both dummies was good. The front passenger airbag can be disabled to allow a rearward-facing child 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 car with the exception of the Group II/III universal restraint which was unstable in the rear centre position.





## CHILD OCCUPANT

Total 41.2 Pts / 84%

	Seat Position			
	Front	2nd row		
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	—	●	—	●
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	—	●	—	●
BeSafe iZi Kid X2 i-Size (iSize)	—	●	—	●
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	—	●	—	●
BeSafe iZi Kid X4 ISOfix (ISOFIX)	—	●	—	●
Britax Römer Duo Plus (ISOFIX)	—	●	—	●
Britax Römer KidFix XP (ISOFIX)	—	●	—	●
Maxi Cosi Cabriofix (Belt)	●	●	●	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	✗	●
Britax Römer King II LS (Belt)	●	●	●	●
Britax Römer KidFix XP (Belt)	●	●	●	●

● Easy    ● Difficult    ● Safety critical    ✗ Not allowed    — Not available

## Comments

In the frontal offset test, protection of the chest of the 6 year dummy was rated as marginal, based on dummy readings of chest decelerations. Otherwise, protection of the 6 and 10 year dummies was good or adequate. In the side barrier test, protection of both dummies was good. The front passenger airbag can be disabled to allow a rearward-facing child 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 car with the exception of the Group II/III universal restraint which was unstable in the rear centre position.





VRU IMPACT PROTECTION

Total 26.0 Pts / 62%



GOOD



ADEQUATE



MARGINAL



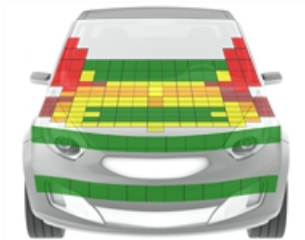
WEAK



POOR

VRU Impact Protection

26.0 Pts



Head Impact	14.0 Pts
Pelvis Impact	6.0 Pts
Leg Impact	6.0 Pts

AEB Pedestrian

0.0 Pts

Comments

The bonnet provided predominantly good or adequate protection to the head of a struck pedestrian, with some poor results recorded on the stiff windscreen pillars. The bumper provided good protection to pedestrians' legs at all test locations and the pelvis was also well protected, the car scoring maximum points in these tests. The optional autonomous emergency braking system can detect pedestrians but the results are not included in this assessment of standard safety equipment.









SAFETY ASSIST

Total 3.0 Pts / 25%



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

Speed Assistance 0 Pts

Seatbelt Reminder 3.0 Pts

Applies To	All seats		
Warning	Driver Seat	Front Passenger(s)	Rear Passenger(s)
Visual	●	●	●
Audible	●	●	●



Pass



Fail



Not available

Lane Support 0 Pts

AEB Inter-Urban 0 Pts





## SAFETY ASSIST

Total 3.0 Pts / 25%

## Comments

A seatbelt reminder system is standard equipment for the front and rear seats. Autonomous emergency braking and a lane assistance systems are part of the optional safety pack, the results of which are not included in this rating.



## RATING VALIDITY

## Variants of Model Range

Body Type	Engine & Transmission	Drivetrain	Rating Applies	
			LHD	RHD
5 door hatchback	1.2 petrol	4 x 2	✓	✓
5 door hatchback	1.4 petrol	4 x 2	✓	✓
5 door hatchback	1.0 T-GDI	4 x 2	✓	✓
5 door hatchback	1.6 CRDi	4 x 2	✓	✓
5 door hatchback	1.0 petrol mild hybrid	4 x 2	✓	✓

## Annual Reviews and Facelifts

Date	Event	Outcome	
December 2017	Rating Published	2017 ★ ★ ★ ☆ ☆	✓
December 2018	Annual Review	2017 ★ ★ ★ ☆ ☆	✓
December 2019	Annual Review	2017 ★ ★ ★ ☆ ☆	✓
August 2020	Facelift Review and addition of mild hybrid	2017 ★ ★ ★ ☆ ☆	✓
December 2020	Annual Review	2017 ★ ★ ★ ☆ ☆	✓