



Seat Arona

Standard Safety Equipment

2017



Adult Occupant



95%

Child Occupant



80%

Pedestrian



77%

Safety Assist



60%

SPECIFICATION

Tested Model	SEAT Arona 1.0 'Excellence', LHD
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	1112kg
VIN From Which Rating Applies	- all Aronas
Class	Supermini

General comments

The SEAT Arona is structurally almost identical to the SEAT Ibiza rated earlier in 2017 by Euro NCAP, and has the same fitment of safety equipment. Some additional tests have been conducted and the Arona has performed at least as well as the Ibiza in these. Accordingly, this assessment is based on that of the Ibiza and the results of the additional tests.

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	—	✘	●
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 36.2 Pts / 95%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 7.5 Pts



Passenger Driver

Frontal Full Width 7.7 Pts



Rear Passenger Driver

Whiplash Rear Impact 2.3 Pts



Front seat Rear seat

Lateral Impact 15.6 Pts



Car Pole

AEB City 3

Performance: ■ Good

 ADULT OCCUPANT

Total 36.2 Pts / 95%

Comments

The passenger compartment remained stable in the front offset test. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. SEAT 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 impact, protection of the driver and passenger was good or adequate and the Arona scored fractionally better than the Ibiza. In the side barrier test, good protection was provided to all critical parts of the body and the car scored maximum points. In the more severe side pole impact, protection of chest was adequate and that of other body regions was good. Tests on the front seats and head restraints demonstrated good protection against whiplash protection in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. An autonomous emergency braking system is fitted as standard. In tests of its functionality at low speeds typical of city driving at which many whiplash injuries are caused, the system performed well, with collisions avoided at all test speeds.

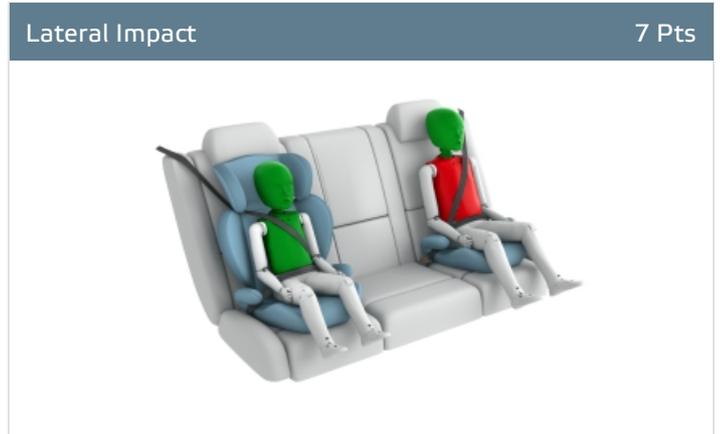
CHILD OCCUPANT

Total 39.4 Pts / 80%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

20.4 Pts



Restraint for 6 year old child: *Romer KidFix XP*
 Restraint for 10 year old child: *Takata Maxi*

Safety Features

7 Pts

	Isofix
	i-Size
	Integrated CRS

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

CRS Installation Check

12 Pts

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

■ i-Size CRS



CHILD OCCUPANT

Total 39.4 Pts / 80%

ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Römer Duo Plus (ISOFIX)



Römer KidFix XP (ISOFIX)



Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Römer King II LS (Belt)



Römer KidFix XP (Belt)



CHILD OCCUPANT

Total 39.4 Pts / 80%

	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)	□	●	□	●
Römer Duo Plus (ISOFIX)	□	●	□	●
Römer KidFix XP (ISOFIX)	□	●	□	●
Maxi Cosi Cabriofix (Belt)	●	●	●	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	✘	●
Römer King II LS (Belt)	●	●	●	●
Römer KidFix XP (Belt)	●	●	●	●

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

Comments

In the frontal offset test, protection of the 10 year dummy was good. However, readings from the 6 year dummy indicated weak protection of the chest and marginal protection of the neck. In the side barrier test, protection of the 6 year dummy was good but chest decelerations indicated protection of that part of the body. 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 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.

PEDESTRIAN PROTECTION

Total 32.4 Pts / 77%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian Protection	32.4 Pts						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">16.6 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">4.7 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table>	Head Impact	16.6 Pts	Pelvis Impact	4.7 Pts	Leg Impact	6 Pts
Head Impact	16.6 Pts						
Pelvis Impact	4.7 Pts						
Leg Impact	6 Pts						

AEB Pedestrian	5.2 Pts	
System Name	Front Assist	
Type	Auto-Brake with Forward Collision Warning	
Operational From	5 Km/h	
Additional Information	Defaults on for every journey; operates above 40km/h and in low ambient light	
PERFORMANCE ■		
	Autobrake Function	
	<div style="width: 45%; text-align: center;">Avoidance</div> <div style="width: 45%; text-align: center;">Mitigation</div>	
Running Adult crossing from Farside	Collision avoided up to 45 km/h	Impact mitigated up to 55 km/h
Walking Adult crossing from Nearside -25%	Collision avoided up to 40 km/h	Impact mitigated up to 55 km/h
Walking Adult crossing from Nearside -75%	Collision avoided up to 45 km/h	Impact mitigated up to 50 km/h
Running Child from behind parked vehicles	Collision avoided up to 35 km/h	Impact mitigated up to 45 km/h

Comments

The bonnet surface provided good or adequate protection to the head of a struck pedestrian but performance was weak and poor in tests around the windscreen pillars. The protection provided to pedestrians' legs by the bumper was good at all test locations. Protection of the pelvis was also predominantly good or adequate. The autonomous emergency braking system can detect pedestrians as well as other vehicles. In tests, the system showed good performance, with collisions avoided or mitigated in most test scenarios and speeds.

 SAFETY ASSIST

Total 7.3 Pts / 60%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance

1.5 Pts

System Name	Cruise Control
Speed Limit Information Function	N/A
Warning Function	Manually set
Speed Limitation Function	Manually set (accurate to 5km/h)

Seat Belt Reminder

3 Pts

Applies To	All seats		
	Driver Seat	front passenger(s)	rear passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●

● Pass
 ● Fail
 — Not available

Lane Support

0 Pts

Operational From	0 km/h
PERFORMANCE	
LDW Confirmation Test	Fail

 SAFETY ASSIST

Total 7.3 Pts / 60%

AEB Interurban

2.8 Pts

System Name	Front Assist	
Type	Forward Collision Warning with Auto-Brake	
Operational From	10 Km/h	
Additional Information	Default On; Supplementary Warning	
PERFORMANCE 		
Operational Speed	10-210 Km/h	10-210 Km/h
	Autobrake Function Only	Driver reacts to warning
Approaching a stationary car	See AEB City	Crash avoided up to 40km/h. Crash speed reduced up to 65km/h.
Approaching a slower moving car	Crash avoided up to 70km/h.	Crash avoided up to 80km/h.
FOLLOWING A CAR AT SHORT DISTANCE		
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Avoidance	Avoidance
FOLLOWING A CAR AT LONG DISTANCE		
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Avoidance	Avoidance

Comments

A seatbelt reminder is standard for the front and rear seats. Tests of the autonomous emergency braking system at highway speeds demonstrated good performance. The Arona has a driver-set speed limitation system as standard equipment but is not equipped with a lane assistance system.

RATING VALIDITY

Annual Reviews and Facelifts

Date
Event
Outcome
November 2017
Rating Published

2017 ★ ★ ★ ★ ★

