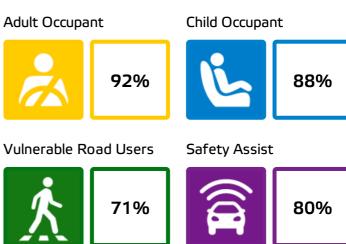
### **TEST RESULTS**





2020 🔶 🛧 🛧 🛧





## SPECIFICATION

Tested Model	SEAT Leon 1.5 petrol 'XCELLENCE', LHD
Body Type	- 5 door hatchback
Year Of Publication	2020
Kerb Weight	1294kg
VIN From Which Rating Applies	- VSSZZZKLZMR005539 including PHEV
Class	Small Family Car

## SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	•	•	_
Belt pretensioner	•	•	•
Belt loadlimiter		•	•
Knee airbag	0	×	
LATERAL CRASH PROTECTION			
Side head airbag	•	•	٠
Side chest airbag		•	0
Side pelvis airbag		•	0
Centre Airbag		•	×



## SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix	_	•	٠
Integrated CRS	_	×	×
Airbag cut-off switch	_	•	_
SAFETY ASSIST			
Seat Belt Reminder	•		٠

OTHER SYSTEMS	
Active Bonnet	×
AEB Vulnerable Road Users	
AEB Car-to-Car incl. Turn Across Path	
AEB Pedestrian - Reverse	×
Speed Assistance	
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

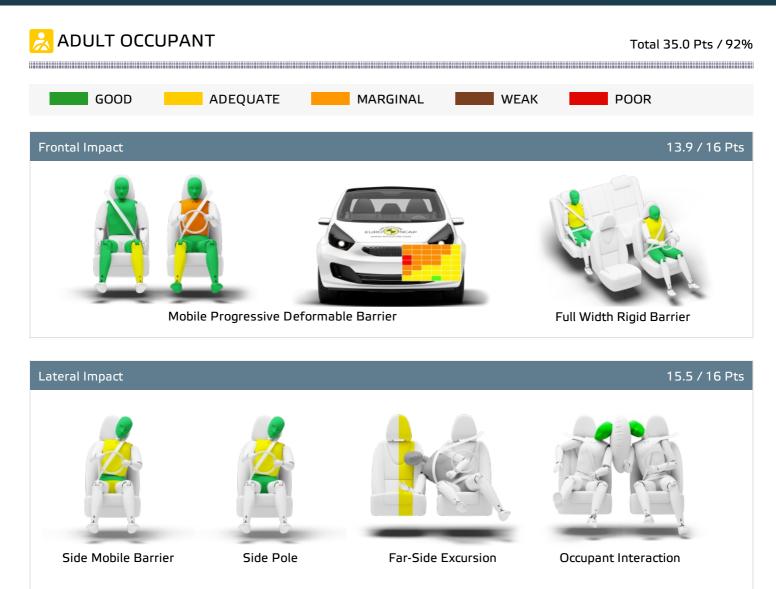
O Fitted to the vehicle as part of the safety pack

🗙 Not available

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

— Not applicable





#### Rear Impact



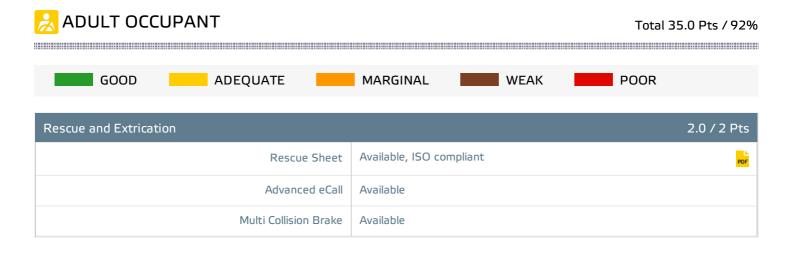
Rear Seat



Front Seat

3.7 / 4 Pts





#### Comments

The passenger compartment remained stable in the offset frontal test. Protection of the driver's chest was rated as marginal, based on dummy measurements of compression. Dummy measurements 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 sitting in different positions. Analysis of the barrier into which the Leon crashed showed some localised areas of high deformation and a modest penalty was applied to the score for the risk this represented to the opposing vehicle. In the full-width, rigid wall test, protection was good or adequate for all critical body regions for both the driver and the rear seat passenger. In the side barrier test, representing a collision by another vehicle, protection of all critical body areas was good or adequate for all critical body areas. Similarly, in the more severe side pole impact, protection was at least adequate. In an assessment of protection in far-side impact, dummy excursion (its movement towards the other side of the vehicle) was rated as adequate. The Leon is equipped with a centre airbag to protect against occupant-to-occupant interaction in side impacts. This system worked well in Euro NCAP's test, with good protection of the head for both front seat occupants. Tests on the front seats and head restraints demonstrated good whiplash protection. The Leon is equipped as standard with a multi-collision braking system, which applies the brakes immediately after an impact to prevent the vehicle from being involved in secondary impacts. The car also has an advanced e-Call system which, in the event of an accident, automatically sends a message to the emergency services, giving the car's location.





Restraint for 6 year old child: *Britax-Römer KidFix<sup>2</sup> S* Restraint for 10 year old child: *Booster cushion* 

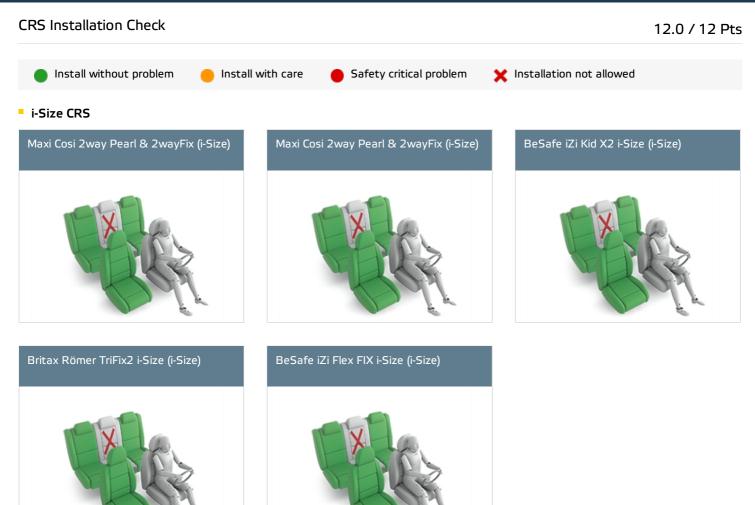
#### Safety Features

#### 8.0 / 13 Pts

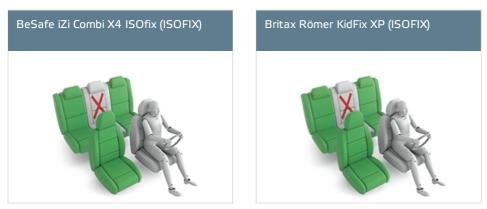
	Front Passenger	2nd row outboard	2nd row center
Isofix	٠	•	×
i-Size	•	•	×
Integrated CRS	×	×	×







ISOFIX CRS





# 😉 CHILD OCCUPANT

#### Total 43.4 Pts / 88%

#### Universal Belted CRS



#### Britax Römer KidFix XP (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)









Total 43.4 Pts / 88%

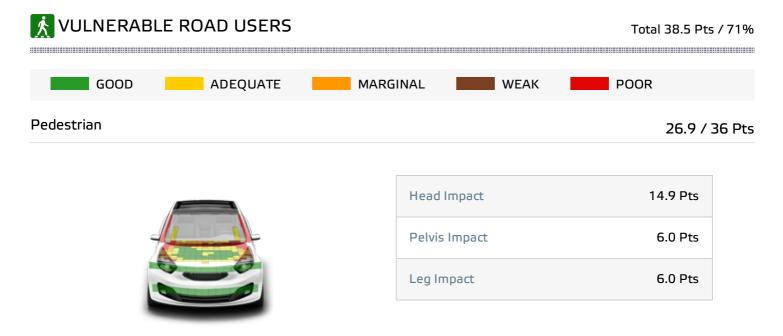
		Seat Position			
	Front	Front 2nd row			
	PASSENGER	LEFT	CENTER	RIGHT	
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	•	•	_	٠	
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	•		_	٠	
BeSafe iZi Kid X2 i-Size (i-Size)	•		_		
Britax Römer TriFix2 i-Size (i-Size)	•		_		
BeSafe iZi Flex FIX i-Size (i-Size)	•		_		
BeSafe iZi Combi X4 ISOfix (ISOFIX)	•		_		
Britax Römer KidFix XP (ISOFIX)			_		
Maxi Cosi Cabriofix (Belt)	•		•		
Maxi Cosi Cabriofix & EasyBase2 (Belt)	•	•	×		
Britax Römer King II LS (Belt)	•	•	٠		
Britax Römer KidFix XP (Belt)	•				

Not available

#### Comments

In the frontal offset test, protection of both child dummies was good except for the neck of the 10 year dummy, protection of which was adequate. In the side barrier test, protection of all critical body regions was good and the Leon scored maximum points for this part of the assessment. 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 restraints for which the Leon is designed could be properly installed and accommodated.





#### Vulnerable Road Users

#### 11.6 / 18 Pts

System Name	e Front Assist	
Туре	Auto-Brake with Forward Collision Warning	
Operational From	5 km/h	



# 🔥 VULNERABLE ROAD USERS

#### **AEB** Pedestrian





Adult crossing the road



Adult along the roadside



Night time



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Adult along the roadside

Child running from behind parked vehicles

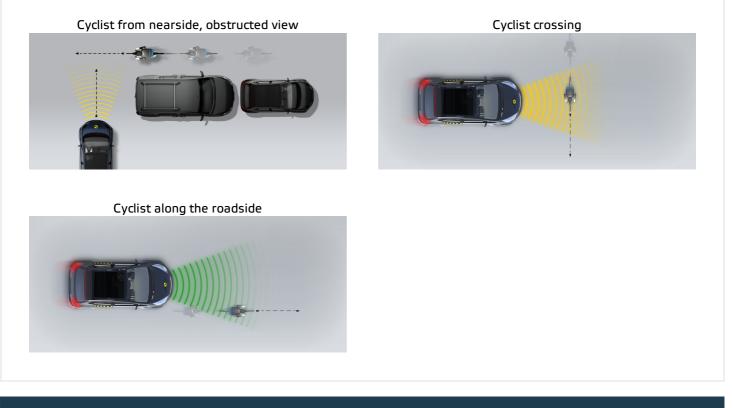




## K VULNERABLE ROAD USERS

Total 38.5 Pts / 71%

# AEB Cyclist 6.2 / 9 Pts

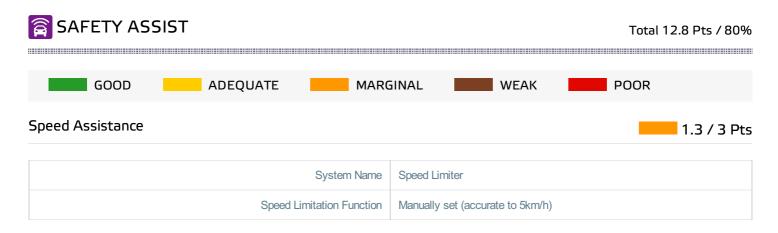


#### Comments

The bonnet surface provided predominantly good or adequate protection to the head of a struck pedestrian, with weak and poor results recorded on the stiff windscreen pillars. The bumper provided good protection to pedestrians' legs and protection of the pelvis was also good at all test positions. The Leon's autonomous emergency braking (AEB) system can detect vulnerable road users like pedestrians and cyclists, as well as other vehicles. In tests, the system's response to such road users was adequate, with collisions avoided or mitigated in most cases. The system does not detect pedestrians to the rear of the car, and reversing tests were not performed.







#### **Occupant Status Monitoring** 3.0 / 3 Pts Seatbelt Reminder > 2.0 / 2 Pts Applies To Front and rear seats Warning Driver Seat Front Passenger(s) Rear Passenger(s) Visual Audible Occupant Detection Not available Fail Pass **Driver Monitoring** 1.0 / 1 Pts System Name Tiredness Recognition System Туре Steering Input **Operational From** 65 km/h



# SAFETY ASSIST

Total 12.8 Pts / 80%

Lane Support	3.5 / 4 Pts
System Name	Lane Assist
Туре	LKA and ELK
Operational From	65 km/h
PERFORMANCE	
Emergency Lane Keeping	GOOD
Lane Keep Assist	GOOD
Human Machine Interface	GOOD

#### AEB Car-to-Car

5.1 / 6 Pts

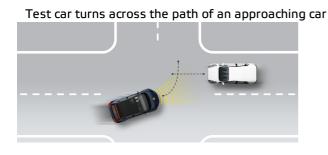
System Name	Front Assist
Туре	Autonomous emergency braking
Operational From	5 km/h
Sensor Used	camera and radar





Total 12.8 Pts / 80%

#### Autobrake function only



Approaching a stationary car

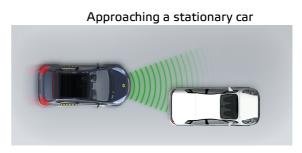


Approaching a slower moving car



Approaching a slower moving car

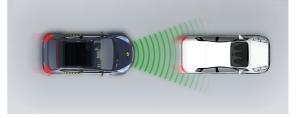




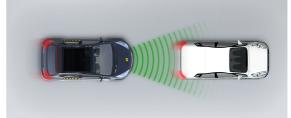
Approaching a stationary car



Approaching a slower moving car



Approaching a braking car

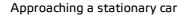




# 🛜 SAFETY ASSIST

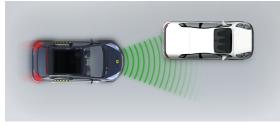
Total 12.8 Pts / 80%

Driver reacts to warning

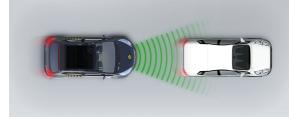




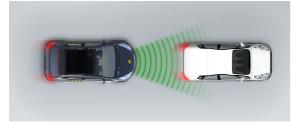
Approaching a stationary car

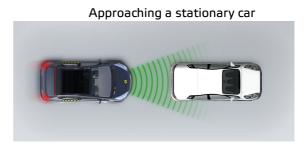


Approaching a slower moving car



Approaching a braking car

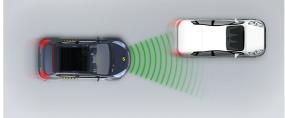




Approaching a slower moving car



Approaching a slower moving car





## SAFETY ASSIST

Total 12.8 Pts / 80%

#### Comments

Autonomous emergency braking (AEB) is fitted as standard. The system performed well in tests of its detection and reaction to other vehicles, with impacts being avoided or mitigated in most cases. As well as a seatbelt reminder for front and rear seats, the Leon has a driver monitoring system which uses steering inputs to identify whether the driver is alert and focussed on the driving task or is impaired through fatigue or other factors. The system warns the driver if impaired driving is detected. The lane support system gently corrects the steering of the car if it is drifting out of lane and also intervenes much more aggressively in some critical situations. A driver-set speed limiter is fitted as standard and is the speed assistance system rated here. A more advanced system is available as an option which identifies local speed limits.



## RATING VALIDITY

## Variants of Model Range

Body Type	Engine	Model Name/Code	Drivetrain	Rating	Applies
				LHD	RHD
5 door hatchback and 5 door estate	1.0 petrol	TSI	4 x 2	$\checkmark$	~
5 door hatchback and 5 door estate	1.0 petrol MHEV	eTSI	4 x 2	$\checkmark$	~
5 door hatchback and 5 door estate	1.5 petrol*	TSI	4 x 2	$\checkmark$	~
5 door hatchback and 5 door estate	1.5 petrol MHEV	eTSI	4 x 2	$\checkmark$	~
5 door hatchback and 5 door estate	2.0 diesel	TDI	4 x 2	$\checkmark$	~
5 door hatchback and 5 door estate	1.5 petrol CNG	TGI	4 x 2	$\checkmark$	$\checkmark$
5 door hatchback and 5 door estate	1.4 petrol PHEV	e-Hybrid	4 x 2	$\checkmark$	~

\* Tested variant

#### Annual Reviews and Facelifts

Date	Event	Outcome		
December 2020	Rating Published	2020 ★ ★ ★ ★	~	