### **TEST RESULTS**

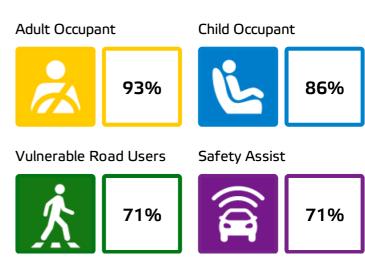


Nissan LEAF Standard Safety Equipment









## SPECIFICATION

Tested Model	Nissan LEAF 'Acenta', LHD
Body Type	- 5 door hatchback
Year Of Publication	2018
Kerb Weight	1545kg
VIN From Which Rating Applies	- SJNFAAZE10016713
Class	Small Family Car

## SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	٠	•	×
Belt pretensioner	٠	•	٠
Belt loadlimiter	•	•	٠
Knee airbag	×	×	×
SIDE CRASH PROTECTION			
Side head airbag	٠	•	٠
Side chest airbag	٠	•	×
Side pelvis 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 (Hood)	×
AEB Pedestrian	•
AEB Cyclist	•
AEB City	•
AEB Inter-Urban	•
Speed Assistance System	•
Lane Assist System	•

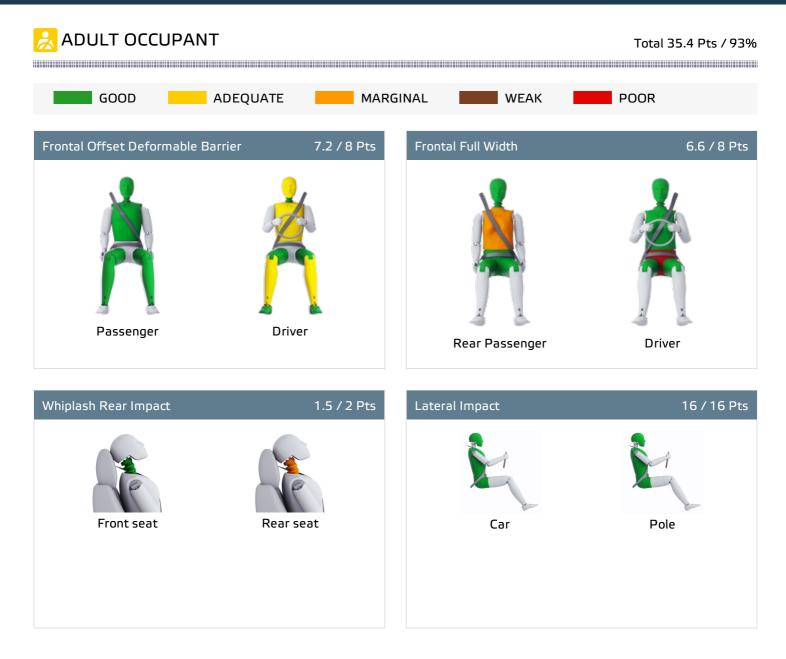
Note: Other equipment may be available on the vehicle but was not considered in the test year.

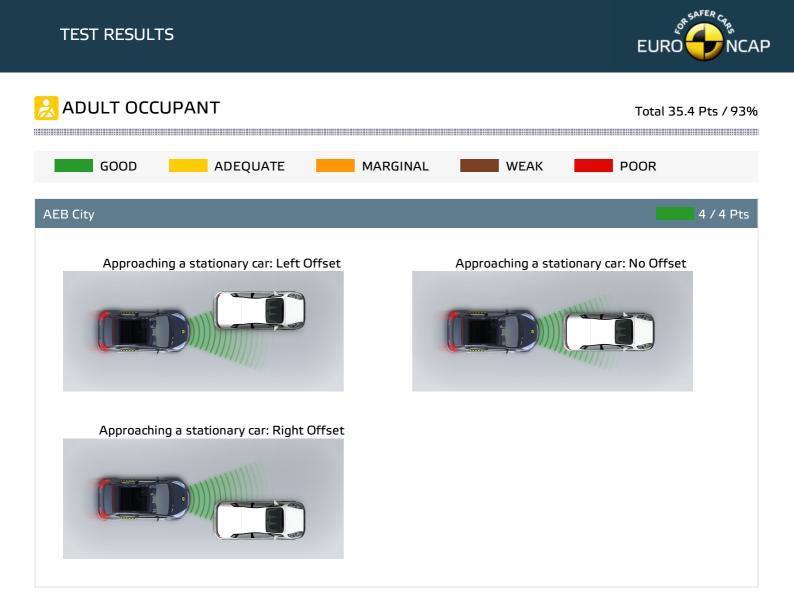
- Fitted to the vehicle as standard
- O Not fitted to the test vehicle but available as option or as part of the safety pack

— Not applicable

🗙 Not available









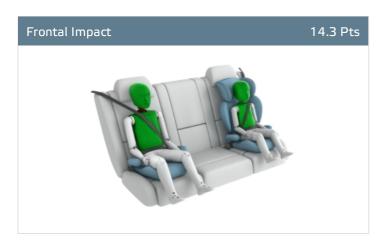
# <u> ADULT OCCUPANT</u>

Total 35.4 Pts / 93%

#### Comments

The passenger compartment of the LEAF remained stable in the frontal offset test. Protection of the front passenger dummy was good for all critical body areas. Dummy readings indicated that the dummy head had made contact with part of the vehicle interior, suggesting that there was insufficient pressure in the airbag. Protection of the knees and femurs was good for both front dummies. Nissan showed that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. In the full-width rigid-barrier test, protection of the driver dummy was good but readings indicated that the force in the lap section of the seatbelt had dropped during the impact. Readings from the chest of the rear passenger dummy indicated marginal protection. In both the side barrier test and the more severe side pole impact, protection of all critical body regions was good and the LEAF scored maximum points in these tests. Tests on the front seats and head restraints demonstrated good protection. The autonomous emergency braking system performed well in tests at the low speeds, typical of city driving, at which many whiplash injuries are caused.







Restraint for 6 year old child: *Britax Römer KidFix XP* Restraint for 10 year old child: *Booster Cushion* **Safety Features** 

### 8 / 13 Pts

		Front Passenger	2nd row outboard	2nd row center
	Isofi	x	•	×
	i-Siz	e 🔴	•	×
	Integrated CRS	5 🗙	×	×
Fitted to test car as standard	O Not on test car but available as option	Not available		
CRS Installation Check				12 / 12 Pts
Install without problem	Install with care 🛛 🛑 Safety critical problem	X Installation r	not allowed	
• i-Size CRS				
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	BeSate IZI	Kid X2 i-Size (iS	oize)
K K K K K K K K K K K K K K K K K K K			X	



# 💪 CHILD OCCUPANT

### Total 42.3 Pts / 86%

### ISOFIX CRS



### Britax Römer KidFix XP (ISOFIX)

BeSafe iZi Kid X4 ISOfix (ISOFIX)







### Universal Belted CRS

Maxi Cosi Cabriofix (Belt)

### Britax Römer KidFix XP (Belt)

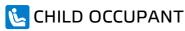




### Britax Römer King II LS (Belt)







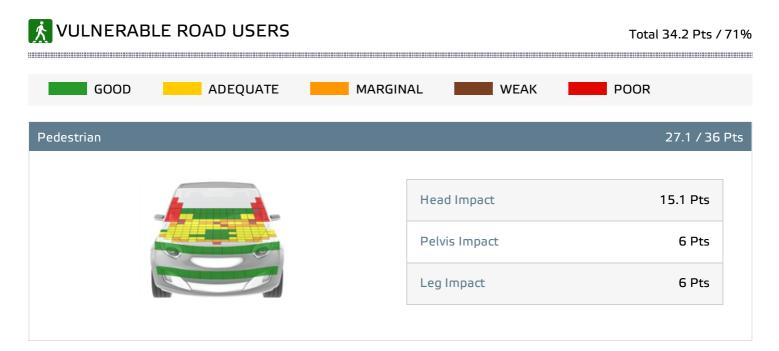
Total 42.3 Pts / 86%

	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)	•	•	•	•

### Comments

In the frontal offset test, protection of both dummies was good apart from the neck of the 10-year dummy, protection of which was rated as weak owing to measured values of tensile forces. 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 LEAF is designed could be properly installed and accommodated in the car.





Vulnerable Road Users	7.1 / 12 Pts
System Name	Intelligent Emergency Braking with Pedestrian and Cyclist Recognition
Туре	Auto-Brake with Forward Collision Warning
Operational From	10 km/h

### Comments

The protection provided by the bonnet to the head of a struck pedestrian was predominantly adequate, with some poor results recorded only on the stiff windscreen pillars. The protection provided to pedestrians' legs and pelvic region was good and the LEAF scored maximum points in these tests. Overall, the autonomous emergency braking system performed adequately in tests of its protection of vulnerable road users, with performance ranging from good to marginal in the individual test scenarios.

Euro NCAP © Nissan LEAF April 2018 9/14

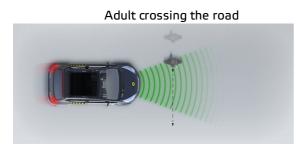


Total 34.2 Pts / 71%

# 🕺 VULNERABLE ROAD USERS

### AEB Pedestrian

Day time



Child running from behind parked vehicles



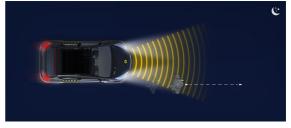
Adult along the roadside



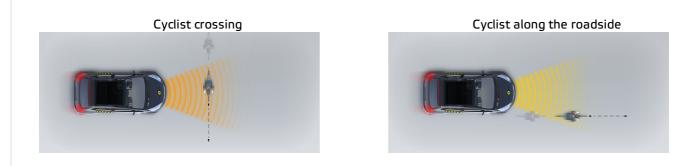
### Night time



Adult along the roadside



### AEB Cyclist





System Name	Speed Limiter with Traffic Sign recognition
Speed Limit Information Function	Camera & Map
Speed Limitation Function	Manually set (accurate to 5km/h)

### Seat Belt Reminder

### 2.5 / 3 Pts

Applies To	All seats		
Warning	Driver Seat	front passenger(s)	rear passenger(s)
Visual	٠	•	٠
Audible	•	•	٠
Occupant detection	—	•	•

🔵 Pass 🛛 😑 Fail 🛛 🗕 Not available

### Lane Support

2.5 / 4 Pts

System Name	Lane departure prevention (LDP)
Туре	LKA
Operational From	55 km/h
PERFORMANCE	
Emergency Lane Keeping	NOT AVAILABLE
Lane Keep Assist	GOOD
Human Machine Interface	GOOD



# 🛜 SAFETY ASSIST

Total 9.3 Pts / 71%

### AEB Interurban

2.4 / 3 Pts

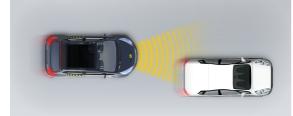
System Name	Intelligent Emergency Braking system
Туре	Autonomous Emergency Braking and Forward Collision Warning
Operational From	5 km/h
Additional Information	No supplementary warning or restraint activation

### Comments

The LEAF has a seatbelt reminder system for the front and rear seats but missed out on full points as it lacks occupant detection in the rear seats. A standard-fit speed assistance system uses a camera and a digital map to inform the driver of the appropriate limit, allowing the speed limiter to be set appropriately. The lane support system also uses the camera to help the driver not to drift out of lane. This system needs to be activated by the driver and does not switch on by default at the start of a journey. The autonomous emergency braking system performed well overall in tests of its functionality at highway speeds, with good performance in most of the test scenarios.

### Autobrake function only

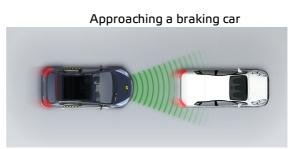
Approaching a slower moving car



Approaching a slower moving car





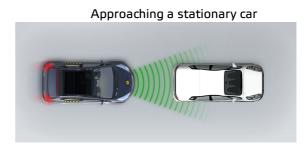




Total 9.3 Pts / 71%

# SAFETY ASSIST

Driver reacts to warning

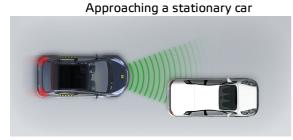


Approaching a slower moving car

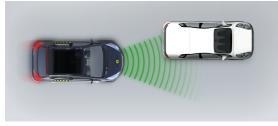


Approaching a slower moving car

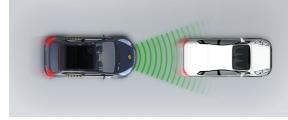




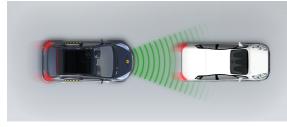
Approaching a stationary car



Approaching a slower moving car



Approaching a braking car





## RATING VALIDITY

## Annual Reviews and Facelifts

Date	Event	Outcome	
April 2018	Rating Published	2018 \star 🛧 🛧 🛧	~