



2020





### Adult Occupant



85%

# Child Occupant



Safety Assist

85%

Vulnerable Road Users



71%



**79**%

### **SPECIFICATION**

Tested Model	Land Rover Defender 110 2.0 diesel SE, RHD
Body Type	- 5 door SUV
Year Of Publication	2020
Kerb Weight	2408kg
VIN From Which Rating Applies	- all Defenders, including PHEV
Class	Large Off-Road 4x4



# SAFETY EQUIPMENT

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

Euro NCAP © Land Rover Defender Dec 2020 2/18



# SAFETY EQUIPMENT (NEXT)

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

OTHER SYSTEMS	
Active Bonnet	×
AEB Vulnerable Road Users	
AEB Pedestrian - Reverse	×
AEB Car-to-Car	
Speed Assistance	•
Lane Assist System	•

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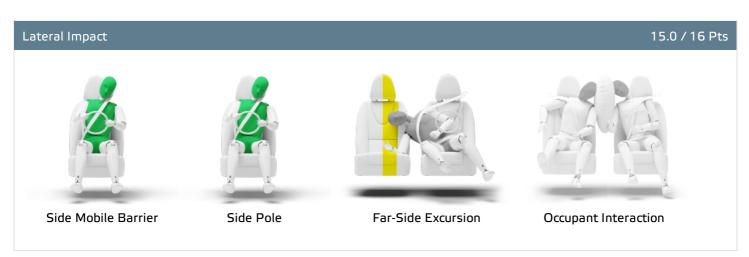
O Not fitted to the test vehicle but available as option or as part of the safety pack X Not available — Not applicable

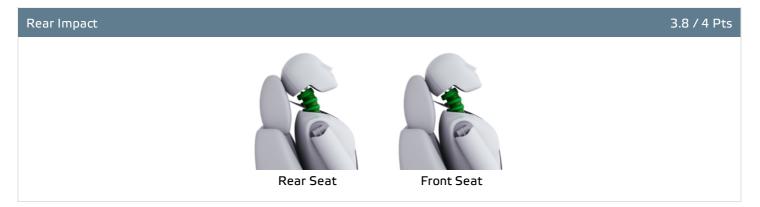




Total 32.5 Pts / 85%











Total 32.5 Pts / 85%

GOOD	ADEQUATE	MARGINAL W	VEAK F	POOR
Rescue and Extrication				2.0 / 2 Pts
	Rescue Sheet	Available, ISO compliant		POF
	Advanced eCall	Available		
	Multi Collision Brake	Available		

#### Comments

The Defender's passenger compartment remained stable in the offset frontal test. Dummy readings of femur forces stiff structures in the dashboard and the score for protection of this body area was penalised. The vehicle's high mass and front structure makes it an aggressive partner to a colliding vehicle and the score for the frontal offset test was reduced as a consequence. In the full-width, rigid wall test, protection was good or adequate for all body critical body regions, except for the chest of the rear passenger, protection of which was rated as marginal, based on readings of chest compression. In both the side barrier test, representing a collision by another vehicle, and the more severe side pole impact, protection was good all-round and the Defender scored maximum points for these tests. 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 Defender is not equipped with a counter-measure to prevent occupant to occupant contact in side impacts. Tests on the front seats and head restraints demonstrated good protection against whiplash injury in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The Defender has a multi-collision braking system which prevents 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.



Total 41.7 Pts / 85%

Crash Test Performance based on 6 & 10 year old children

24.0 / 24 Pts





Restraint for 6 year old child: *Britax Römer Kidfix XP SICT* Restraint for 10 year old child: *Graco booster basic* 

Safety Features 7.0 / 13 Pts

	Front Passenger	2nd row outboard	2nd row center	3rd row outboard *
Isofix	•	•	×	×
i-Size	•	•	×	×
Integrated CRS	×	×	×	×

- \* Third row seats available as option
  - Fitted to test car as standard Not on test car but available as option
- 💥 Not available



CRS Installation Check 10.7 / 12 Pts



### i-Size CRS











### ISOFIX CRS









Total 41.7 Pts / 85%

### Universal Belted CRS











Total 41.7 Pts / 85%

	Seat Position						
	Front		2nd row		3rd row		
	PASSENGER	CENTER	LEFT	CENTER	RIGHT	LEFT	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	•	_		_	•	_	_
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	•	_		_	•	_	_
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)	•	•	•	•	•	•	
Britax Römer KidFix XP (Belt)	•	•		•	•	•	

Install without problem

Install with care

Safety critical problem

🗶 Installation not allowed

— Not available

#### Comments

In both the frontal offset test and the side barrier impact, protection of both child dummies was good for all critical parts of the body and the Defender scored maximum points in 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. The Britax Römer KidFix XP (as a universal CRS, using the adult seatbelts) failed Euro NCAP's belt-length test for rearward-facing restraints in the optional third row seats. Used forward-facing, as Land Rover intend, the CRS can be properly installed. Land Rover state that a child restraint should not be installed in the optional front row 'jump seat'.



# **K** VULNERABLE ROAD USERS

Total 38.4 Pts / 71%

GOOD ADEQUATE MARG	NAL WEAK POOR

Pedestrian 24.5 / 36 Pts



Head Impact	17.4 Pts
Pelvis Impact	1.1 Pts
Leg Impact	6.0 Pts

Vulnerable Road Users 13.9 / 18 Pts

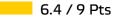
System Name	Emergency Braking
Туре	Auto-Brake with Forward Collision Warning
Operational From	10 km/h



## **VULNERABLE ROAD USERS**

Total 38.4 Pts / 71%

### **AEB Pedestrian**



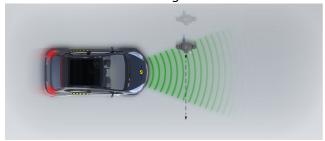


Vehicle reversing into standing pedestrian



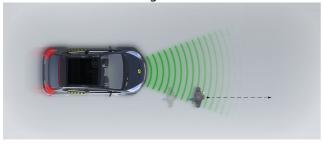
Pedestrian crossing a road into which a car is turning

Adult crossing the road





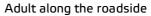
Adult along the roadside

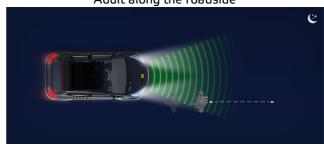


Night time

Adult crossing the road







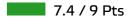




### VULNERABLE ROAD USERS

Total 38.4 Pts / 71%

### **AEB Cyclist**



### Cyclist from nearside, obstructed view





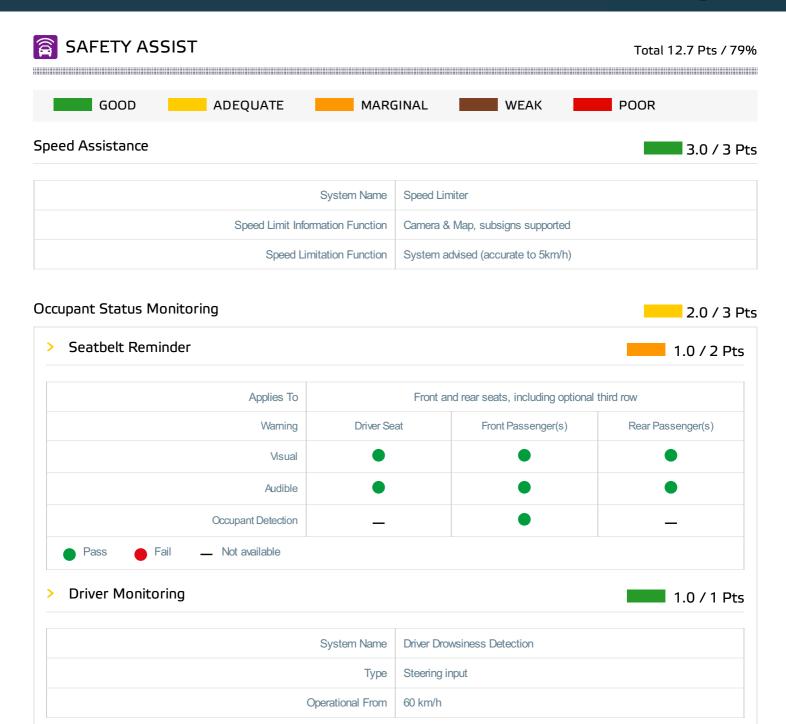
Cyclist along the roadside



### Comments

The bonnet provided predominantly good or adequate protection to the head of a struck pedestrian. The bumper provided good protection to pedestrians' legs. However, tests on the front edge of the bonnet revealed poor protection to a pedestrian's pelvis at nearly all points across the width of the car. The Defender'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 pedestrians was adequate and to cyclists was good, 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.







## Lane Support 3.0 / 4 Pts

System Name	Lane Keep Assist	
Туре	/pe LKA and ELK	
Operational From	60 km/h	
PERFORMANCE		
Emergency Lane Keeping	ADEQUATE	
Lane Keep Assist	GOOD	
Human Machine Interface	GOOD	

## AEB Car-to-Car 4.7 / 6 Pts

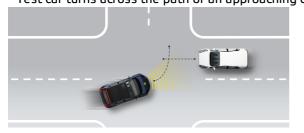
System Name	Emergency Braking
Туре	Autonomous emergency braking and forward collision warning
Operational From	10 km/h
Sensor Used	camera and radar

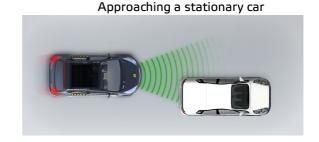




### Autobrake function only

Test car turns across the path of an approaching car





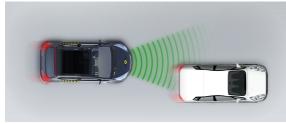
Approaching a stationary car



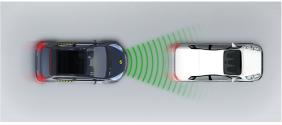
Approaching a stationary car



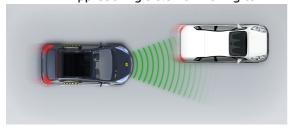
Approaching a slower moving car



Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car

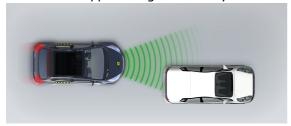




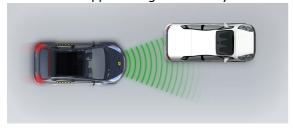


### Driver reacts to warning

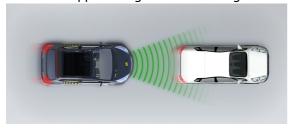
Approaching a stationary car



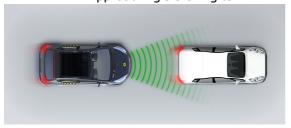
Approaching a stationary car



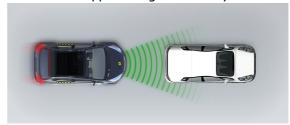
Approaching a slower moving car



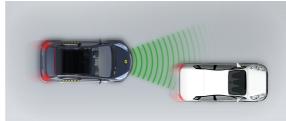
Approaching a braking car



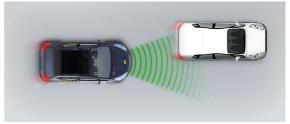
Approaching a stationary car



Approaching a slower moving car



Approaching a slower moving car







#### 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. The Defender has a seatbelt reminder for the front and rear seats, including the optional third row seats. The vehicle also has 'Driver Drowsiness Detection', which uses steering inputs to detect when the driver is fatigued or otherwise impaired and issues a warning if that is the case. The lane support system gently corrects the steering of the car if it is drifting out of lane and also intervenes more aggressively in some critical situations. A speed assistance system uses a camera and a digital map to detect the local speed limit. The driver can choose to let the system limit the speed appropriately.



### **RATING VALIDITY**

### Variants of Model Range

Body Type	Engine	Model Name/Code	Drivetrain	Rating	Applies
				LHD	RHD
5 door SUV	2.0 petrol	"Standard", S, SE, HSE	4 x 4	✓	✓
5 door SUV	2.0 diesel	"Standard", S, SE*, HSE	4 x 4	✓	✓
5 door SUV	3.0 petrol	"Standard", S, SE, HSE	4 x 4	✓	✓
5 door SUV	3.0 diesel	"Standard", S, SE, HSE	4 x 4	✓	✓
5 door SUV	2.0 petrol + 105 kW electric motor	P400e#	4 x 4	✓	✓

<sup>\*</sup> Tested variant

#Additional tests performed

### Annual Reviews and Facelifts

Date	Event	Outcome		
December 2020	Rating Published	2020 * * * *	✓	
December 2021	Annual Review and addition of PHEV variant	2020 🗙 🛧 🖈 🛧	✓	