

# Land Rover Discovery Sport

Land Rover Discovery Sport 2.2 diesel SE, RHD

2014 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

## DETAILS OF TESTED CAR

### SPECIFICATIONS

Tested model	Land Rover Discovery Sport 2.2 diesel SE, RHD
Body type	5 door hatchback
Year of publication	2014
Kerb weight	1901kg
VIN from which rating applies	applies to all Discovery Sports of the specification tested

### SAFETY EQUIPMENT

Frontal airbags	Driver (Single Stage), Passenger (Single Stage)
Pre-tensioners	Driver (single), Passenger (single)
Load-limiters	Driver, Passenger, Rear
Knee airbags	Driver
Side airbags	Head (front and rear), Thorax (front only) (combined thorax/pelvis)
Front head restraints	Passive
Passenger airbag switch	Manual switch
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	Pedestrian airbag, standard
Seatbelt Reminder	Driver, Passenger, Rear
Electronic Stability Control	DSC, Standard, Manual Switch
Speed Assistance Systems	Driver-set speed limitation, Optional (meeting fitment requirements)
Lane Support	Lane Departure Warning, Standard
Autonomous Braking	Autonomous Emergency Braking, City and Inter-Urban (Auto-Brake and Forward Collision Warning) system, Standard
Other	Not applicable

Safety equipment is standard across the model range unless stated otherwise

**ADULT OCCUPANT**

Total 36 pts | 93%

**CRASH TEST PERFORMANCE**

**FRONT OFFSET**

14,9 pts



Driver



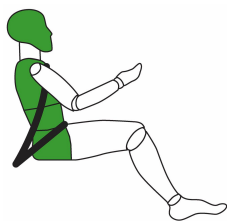
Passenger

**SIDE CAR**

8 pts

**SIDE POLE**

7,7 pts



Side car



Side pole

**FRONT OFFSET**

**HEAD**

Driver airbag contact	stable
Passenger airbag contact	stable

**CHEST**

Passenger compartment	stable
Windscreen Pillar rearward	18mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

**UPPER LEGS, KNEES AND PELVIS**

Stiff structures in dashboard	none
Concentrated loads on knees	none

**LOWER LEGS AND FEET**

Footwell Collapse	none
Rearward pedal movement	Accelerator - 47.856mm
Upward pedal movement	Brake - 8.141mm

**SIDE**

Head protection airbag	Yes
Chest protection airbag	Yes

**WHIPLASH PROTECTION**

**FRONT, REAR SEATS**

2,2 pts



Front seats



Rear seats

**HEAD RESTRAINT**

Seat description	Standard, part-leather, 6 way electric
Head restraint type	Passive
Front geometric assessment	2 pts

**TESTS**

- High severity	2 pts
- Medium severity	2,1 pts
- Low severity	2,3 pts

**AEB CITY**

2,8 pts

System name	Autonomous Emergency Braking
Fitment	Standard



## CHILD OCCUPANT

Total 41 pts | 83%

### CRASH TEST PERFORMANCE

#### 18 MONTH OLD CHILD

**Restraint** Römer BabySafe + ISOFIX Base  
**Facing** rearward facing  
**Installation** ISOFIX and Supportleg



PERFORMANCE **12 pts**

#### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** good

#### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

#### 3 YEAR OLD CHILD

**Restraint** Römer Duo Plus  
**Facing** forward facing  
**Installation** ISOFIX and TopTether



PERFORMANCE **11 pts**

#### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** good

#### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

### CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

**Safety features score** **6 pts**  
**Installation check score** **12 pts**

**Pass** Install without problem  
**Partial Fail** Install with care  
**Fail** Safety critical problem  
**Exempt** Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	Exempt	N/A	Exempt
Römer King Plus (Seatbelt)	N/A	Pass	Pass	Pass	Pass	Exempt	N/A	Exempt
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	Exempt	N/A	Exempt
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	Pass	N/A	Pass
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	Exempt	N/A	Exempt
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	Exempt	N/A	Exempt
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	Exempt	N/A	Exempt
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	Exempt	N/A	Exempt
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	Exempt	N/A	Exempt
Römer BabySafe + ISOFIX Base (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	Exempt	N/A	Exempt
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	Exempt	N/A	Exempt

# TEST RESULTS

## SAFETY ASSIST

Total 11 pts | 82%

### SPEED ASSISTANCE SYSTEM 1,3 pts

Optional (meeting fitment requirements)	
Speed Information	NOT ASSESSED
Speed Assistance (Manual)	Pass

### ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- DSC	Meets requirements
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### SEATBELT REMINDER 3 pts

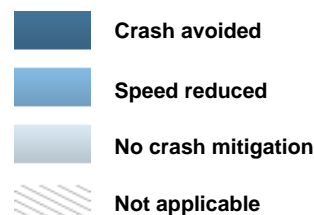
- driver and passenger	Pass
- rear	Pass

### LANE SUPPORT SYSTEMS 1 pts

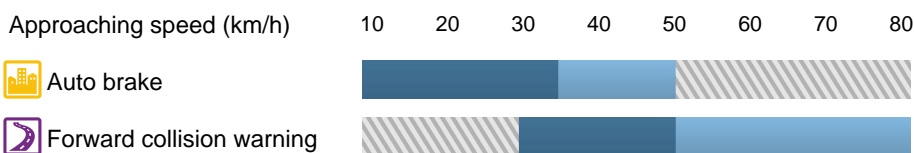
Standard	
Lane Departure Warning	Meets requirements

### AEB INTERURBAN SYSTEMS 2,5 pts

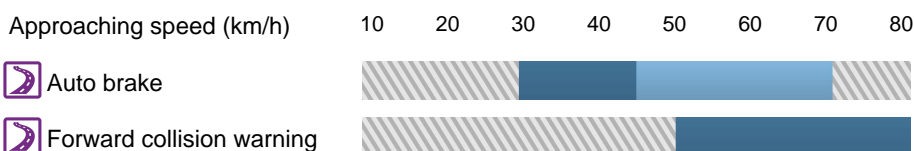
Autonomous Emergency Braking	Standard
Human machine interface	Default On
Performance	



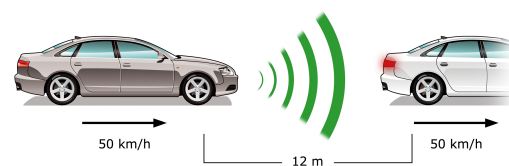
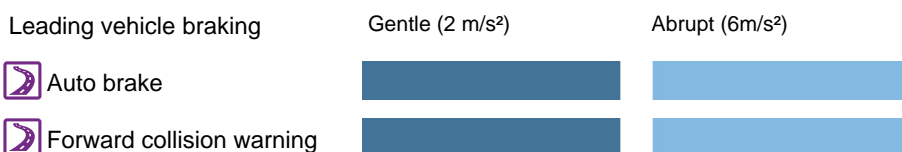
#### APPROACHING A STATIONARY VEHICLE



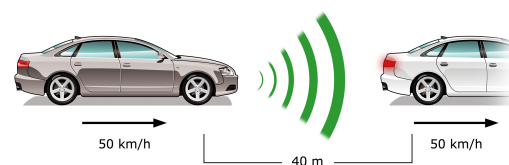
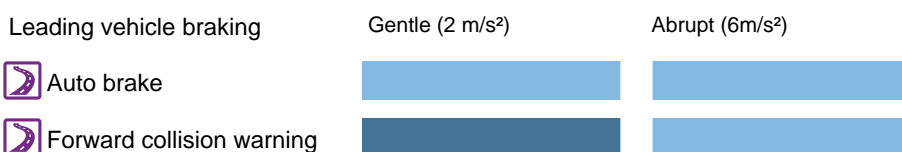
#### APPROACHING A SLOW MOVING VEHICLE



#### APPROACHING A BRAKING VEHICLE WITH SHORT HEADWAY



#### APPROACHING A BRAKING VEHICLE WITH LONG HEADWAY



## PEDESTRIAN

Total 25 pts | 69%



HEAD	19,2 pts
PELVIS	0 pts
LEG	5,9 pts



## COMMENTS

### Adult occupant

The passenger compartment remained stable in the frontal impact. Good protection was provided to all critical body regions of the passenger dummy. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. Land Rover demonstrated that a similar level of protection would be provided to occupants of different statures and those sat in different positions, whose knees might strike the dashboard at different locations. In the side impact test, the Discovery Sport scored maximum points with good protection of all body regions. In the more severe side pole test, protection of the chest and abdomen was adequate and that of the other parts of the body was good. The protection provided to front seat occupants against whiplash injury was good; for rear seat occupants, it was marginal. The Discovery Sport is equipped as standard with 'Autonomous Emergency Braking', a system that automatically applies the brakes if a collision is imminent. The system works at the low speeds typical of city driving and helps to reduce injuries, including whiplash.

### Child occupant

The Discovery Sport scored maximum points for its protection of the 1½ year dummy in the dynamic crash tests. In the frontal impact, forward movement of the head of the 3 year dummy, sat in a forward-facing restraint, was not excessive, although neck forces were marginally high. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the risk of head contact with parts of the vehicle interior. 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 child restraints for which the car is designed could be properly installed and accommodated in the Discovery Sport, including the optional third-row seats.

### Pedestrian

The bumper offered good or adequate protection to pedestrians' legs but the front edge of the bonnet showed poor protection in all areas tested and scored no points. The Discovery Sport has a pedestrian-protection airbag under the bonnet. When sensors detect that a pedestrian has been struck, an airbag is deployed from underneath a panel at the base of the windscreen to cover part of the screen and the stiff pillars on either side. Land Rover showed that the system operated robustly for a variety of pedestrian statures and over a broad range of speeds. Therefore, the protection offered to a pedestrian's head was assessed with the system deployed. Tests results on the bonnet surface were predominantly good or adequate and almost entirely good on the windscreen and windscreen pillars.

### Safety assist

The Discovery Sport has electronic stability control as standard equipment. A seatbelt reminder is also standard for the front and rear seats as is a lane departure warning system. A driver-set speed limitation device is standard on all but 'S' trim models and met Euro NCAP's requirements for systems of that type. The standard-fit 'Autonomous Emergency Braking' system operates from 10 to 80km/h and showed good performance in Euro NCAP's higher-speed tests.