



2025





Adult Occupant









Safety Assist

86%

Vulnerable Road Users







77%

SPECIFICATION

Tested Model	BYD DOLPHIN SURF, LHD
Body Type	- 5 door hatchback
Year Of Publication	2025
Kerb Weight	1390kg
VIN From Which Rating Applies	- all DOLPHIN SURFs
Class	City and Supermini



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	×	×	_

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix/i-Size	_	•	•
Integrated CRS	_	×	×
Airbag cut-off switch	_	•	_
Child presence detection	_	×	×
SAFETY ASSIST			
Seat Belt Reminder	•	•	•



SAFETY EQUIPMENT (NEXT)

OTHER SYSTEMS	
Active Bonnet	×
AEB Vulnerable Road Users	•
AEB Pedestrian - Reverse	×
Cyclist Dooring Prevention	×
AEB Motorcyclist	
AEB Car-to-Car	•
Speed Assistance	•
Lane Assist System	•
Fatigue / Distraction Detection	•

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

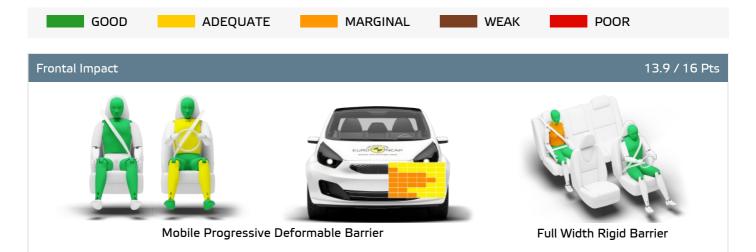
Fitted to the vehicle as standard	Fitted to the vehicle as part of the safety pack
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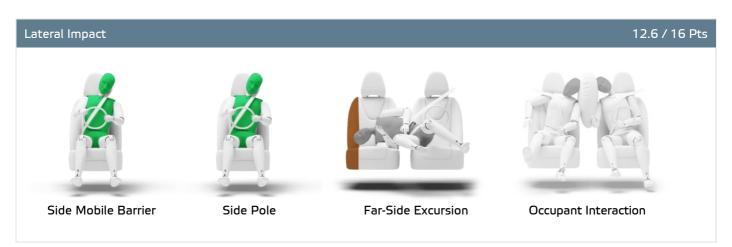
O Not fitted to the test vehicle but available as option or as part of the safety pack X Not available — Not applicable

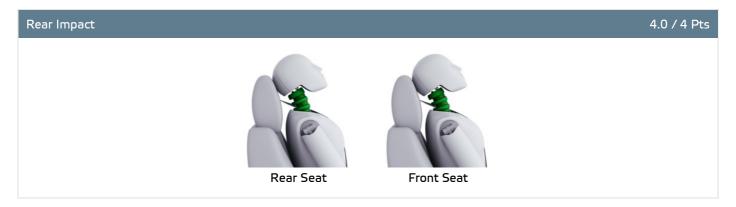




Total 33.2 Pts / 82%









ADULT OCCUPANT

Total 33.2 Pts / 82%

GOOD ADEQUAT	ΓE	MARGINAL	WEAK	POOR	
Rescue and Extrication					2.7 / 4 Pts
ı	Rescue Sheet	Available, ISO compliant			POF
A	dvanced eCall	Available			
Multi C	Collision Brake	Available			
Subme	ergence Check	Compliant			

Comments

The passenger compartment of the BYD DOLPHIN SURF remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of both the driver and the front seat passenger. BYD showed that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. Protection of all critical body regions was good for the front passenger. Analysis of the deceleration of the impact trolley during the test, and analysis of the deformable barrier after the test, revealed that the BYD DOLPHIN SURF would be a benign impact partner in a frontal collision. In the full-width rigid barrier test, protection was good for all critical body regions of the driver but was marginal for the chest of the rear passenger, based on dummy readings of compression. In both the side barrier test and the more severe side pole impact, good protection was provided to all critical body areas and the BYD DOLPHIN SURF scored maximum points in this part of the assessment. Control of excursion (the extent to which a body is thrown to the other side of the vehicle when it is hit from the far side) was found to be poor. The BYD DOLPHIN SURF does not have a countermeasure to mitigate against occupant-to-occupant injuries in such impacts. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. A geometric analysis of the rear seats also indicated good whiplash protection. The car has an advanced eCall system which alerts the emergency services in the event of a crash, and a system to prevent secondary impacts after the car has been in a collision. BYD demonstrated that the doors and windows would be openable to allow occupants to escape in the event of vehicle submergence.





Crash Test Performance based on 6 & 10 year old children

23.4 / 24 Pts





Restraint for 6 year old child: Britax Römer Kidfix i-Size Restraint for 10 year old child: Osann Booster

Safety Features 7.0 / 13 Pts

	Front Passenger	2nd row outboard
Isofix	•	•
i-Size	•	•
Integrated CRS	×	×
Top tether	•	•
Child Presence Detection	×	×

Fitted to test car as standard

O Not on test car but available as option

X Not available

CRS Installation Check 12.0 / 12 Pts

હ i i-Size	Seat Position			
	Fro	ont	2r	nd row
		⊗ . ∕2	Left	Right
ا	•	•	•	•

Easy

Difficult

Safety critical

★ Not allowed

Airbag ON Rearward facing restraint installation not allowed

🎇 Airbag OFF



CHILD OCCUPANT

Total 42.4 Pts / 86%

Isofix	Seat Position			
	Fro	ont	2r	nd row
		⊗ •⁄2	Left	Right
	•	•	•	•
\\\\\	×	•	•	•
K	•	•	•	•
E	•	•	•	•
	•	•	×	×
	×	•	×	×

■ Easy
Difficult
Safety critical
X Not allowed

Airbag ON Rearward facing restraint installation not allowed

Airbag OFF

Seatbelt Attached	Seat Position			
	Fro	ont	2n	d row
		⊗. Ž2	Left	Right
	×	•	•	•
	•	•	•	•
	•	•	•	•
E	•	•	•	•
	•	•	×	×
	×	•	×	×

■ Easy
Difficult
Safety critical
X Not allowed

Airbag ON Rearward facing restraint installation not allowed

💥 Airbag OFF





Total 42.4 Pts / 86%

Comments

In the frontal offset test, protection of all critical parts of the body was good for both the 6 and 10 year dummies. In the side barrier test, protection of the 6 year dummy was good for all critical body areas and good or adequate for the 10 year dummy. 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 BYD DOLPHIN SURF is not equipped with 'child presence detection', a system which can alert others if children have been left in the car. All of the child restraint types for which the BYD DOLPHIN SURF is designed could be properly installed and accommodated in the car.



🚶 VULNERABLE ROAD USERS

Total 48.4 Pts / 76%

GOOD	ADEQUATE	MARGINAL	WEAK	POOR	

VRU Impact Protection

26.9 / 36 Pts



Pedestrian & Cyclist Head	10.3 Pts
Pelvis	4.5 Pts
Femur	3.1 Pts
Knee & Tibia	9.0 Pts

VRU Impact Mitigation 21.4 / 27 Pts

System Name	Automatic Emergency Braking
Туре	Auto-Brake with Forward Collision Warning
Operational From	5 km/h
PERFORMANCE	

AEB Pedestrian 5.8 / 9 Pts

Scenario	Day time	Night time
Car reversing into adult or child		_
Adult crossing a road into which a car is turning		_
Adult crossing the road		
Child running from behind parked vehicles		
Adult along the roadside		

Currently not tested

AEB Cyclist 7.6 / 8 Pts

Scenario Scenario	Day time
Approaching cyclist crossing from behind parked vehicles	
Turning across path of an oncoming cyclist	
Approaching a crossing cyclist	
Approaching a cyclist along the roadside	



🚶 VULNERABLE ROAD USERS

Total 48.4 Pts / 76%

GOOD	ADEQUATE	MARGINAL	WEAK	POOR
Cyclist Dooring Pre	vention			0.0 / 1 Pts

Scenario	
Dooring a passing cyclist	, driver door only"

AEB Motorcyclist 6.0 / 6 Pts

Scenario	Autobrake function only	Driver reacts to warning
Approaching a stationary motorcyclist		
Approaching a braking motorcyclist		
Turn across the path of an oncoming motorcyclist		_

Currently not tested

Lane Support Motorcyclist

2.0 / 3 Pts

Scenario	Day time
Changing lane across the path of an oncoming motorcyclist	
Changing lane across the path of an overtaking motorcyclist	

Comments

Protection of the head of a struck pedestrian or cyclist was largely good or adequate, with poor results recorded on the stiff windscreen pillars and at the base and top of the screen. Protection of the pelvis was good at all test locations. Protection of the femur was mixed, while that of the knee and tibia was good or adequate at all test locations. The autonomous emergency braking system of the BYD DOLPHIN SURF responds to vulnerable road users such as pedestrians and cyclists, as well as to other vehicles. In tests of its response to pedestrians, the system performed adequately, but does it does not react to those to the rear of the car. The system performed well in tests of its reaction to cyclists, while its response to motorcyclists was good.

Distraction

Long Distraction



Total 13.9 Pts / 77%

Lane Support	2.0 / 3 Pts
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System Name	LANE DEPARTURE ASSIST
Туре	LKA and ELK
Operational From	50 km/h
PERFORMANCE	
Emergency Lane Keeping	ADEQUATE
Lane Keep Assist	GOOD
Human Machine Interface	GOOD

AEB Car-to-Car 8.0 / 9 Pts

System Name	Automatic Emergency Braking
Туре	Autonomous emergency braking and forward collision warning
Operational From	5 km/h
Sensor Used	camera

Scenario	Autobrake function only	Driver reacts to warning
Approaching a car crossing a junction		
Approaching a car head-on		_
Turning across the path of an oncoming car		_
Approaching a stationary car		
Approaching a slower moving car		_
Approaching a braking car		_

Currently not tested





Total 13.9 Pts / 77%

Comments

Overall, the performance of the autonomous emergency braking (AEB) system was good in tests of its reaction to other vehicles. A seatbelt reminder system is fitted as standard to the front and rear seats. The car has a direct driver status monitoring system as standard, detecting driver fatigue and some types of distraction. The lane support system gently corrects the vehicle's path if it is drifting out of lane and also intervenes in some more critical situations. The speed assistance system identifies the local speed limit. The driver can choose to allow the limiter to be set automatically by the system.



RATING VALIDITY

Variants of Model Range

Body Type	Engine	Model Name	Drivetrain	Rating Applies	
				LHD	RHD
5 door hatchback	Electric	Active Boost Comfort *	4 x 2	✓	~

Annual Reviews and Facelifts

Date	Event	Outcome	
September 2025	Rating Published	2025 * * * * *	✓

^{*} Tested variant