

BYD SEALION 7



APPLIES TO All variants	BUILT FROM January 2025	RATING CRITERIA 2023-2025
VEHICLE TYPE Medium SUV	ON SALE FROM February 2025	RATING EXPIRES December 2031
ENGINE / MOTOR TYPES Battery Electric	MODEL SERIES UK	AIRBAGS Dual frontal, side chest, side head, centre



ANCAP
SAFETY

TESTED
2025



The BYD SEALION 7 was introduced in Australia and New Zealand in February 2025. This ANCAP safety rating applies to all variants.

Dual frontal, side chest-protecting and side head-protecting airbags are standard. A centre airbag which provides added protection to front seat occupants in side impact crashes is also standard.

Autonomous emergency braking (Car-to-Car, Vulnerable Road User, Junction & Crossing, Backover and Head-On) as well as a lane support system with lane keep assist (LKA), lane departure warning (LDW) and emergency lane keeping (ELK), and an advanced speed assistance system (SAS) with a speed sign recognition system are standard equipment.

ASSESSMENT SCORES

 Adult Occupant Protection 87% 34.83 out of 40	 Child Occupant Protection 93% 45.81 out of 49	 Vulnerable Road User Protection 76% 48.44 out of 63	 Safety Assist 78% 14.21 out of 18
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RATING APPLICABILITY*

VARIANT	BODY TYPE	ENGINE / POWERTRAIN	DRIVETRAIN	AUS	NZ
BYD SEALION 7 Premium	5 door SUV	Battery Electric Vehicle (BEV)	RWD	✓	✓
BYD SEALION 7 Performance	5 door SUV	Battery Electric Vehicle (BEV)	AWD	✓	✓

* Correct at time of publication. Subject to change. Check with manufacturer.



Adult Occupant Protection

87%

34.83 out of 40

FRONTAL OFFSET (MPDB)*
4.64 points out of 8

OBLIQUE POLE*
6.00 points out of 6

RESCUE & EXTRICATION
3.00 points out of 4

FULL WIDTH FRONTAL*
7.32 points out of 8

WHIPLASH PROTECTION
3.88 points out of 4

SIDE IMPACT*
6.00 points out of 6

FAR SIDE IMPACT
4.00 points out of 4

* Scaled scores. Total test scored out of 16.00 points.

The passenger compartment of the BYD SEALION 7 remained stable in the **frontal offset** (MPDB) test. Dummy readings indicated ADEQUATE protection for the driver's chest and MARGINAL protection for the lower legs, with GOOD protection offered to all other body regions. Protection of the front passenger dummy was GOOD for all critical body regions.

The front structure of the BYD SEALION 7 presented a moderate risk to occupants of an oncoming vehicle in the MPDB test (which evaluates vehicle-to-vehicle compatibility), and a 3.97 point penalty (out of 8.00 points) was applied.

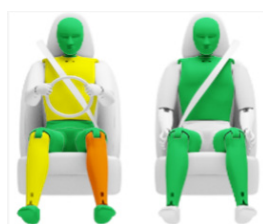
In the **full width frontal** test, protection of the driver dummy was GOOD for all critical body areas. Protection of the chest of the rear passenger was WEAK with GOOD protection of all other critical body areas.

In the **side impact** and **oblique pole** tests, protection offered to all critical body regions of the driver was GOOD and the BYD SEALION 7 scored maximum points in these tests.

The BYD SEALION 7 is equipped with a centre airbag to protect against occupant-to-occupant interaction in side impacts and it provided GOOD protection for the head of both front seat occupants. Prevention of excursion (movement towards the other side of the vehicle) in the **far side impact** tests was assessed as GOOD for the vehicle-to-vehicle impact scenario, and ADEQUATE in the vehicle-to-pole scenario.

A Rescue Sheet, providing information for first responders in the event of a crash is available, and a multi-collision braking system is fitted. It was demonstrated that, if the car entered water, the doors and windows of the BYD SEALION 7 would remain functional for the minimum required time period.

FRONTAL OFFSET (MPDB) TEST - 50km/h



	DRIVER	FRONT PASSENGER
Head / Neck	4.00 pts	4.00 pts
Chest	3.37 pts	4.00 pts
Upper Legs	4.00 pts	4.00 pts
Lower Legs	1.87 pts	4.00 pts
Deductions	Nil	Nil



COMPATIBILITY

Deductions	-3.97 pts
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FULL WIDTH FRONTAL TEST - 50km/h



	DRIVER	REAR PASSENGER
Head	4.00 pts	4.00 pts
Neck	4.00 pts	4.00 pts
Chest	4.00 pts	1.27 pts
Upper Legs	4.00 pts	4.00 pts
Deductions	Nil	Nil

SIDE IMPACT TEST - 60km/h



	DRIVER
Head	4.00 pts
Chest	4.00 pts
Abdomen	4.00 pts
Pelvis	4.00 pts
Deductions	Nil

OBLIQUE POLE TEST - 32km/h



	DRIVER
Head	4.00 pts
Chest	4.00 pts
Abdomen	4.00 pts
Pelvis	4.00 pts
Deductions	Nil



Adult Occupant Protection

87%

34.83 out of 40

FAR SIDE IMPACT TESTS - 60km/h and 32km/h



SIDE IMPACT (60km/h)	DRIVER
Head	4.00 pts
Neck	4.00 pts
Chest & Abdomen	4.00 pts
Pelvis	No penalty



OBLIQUE POLE (32km/h)	DRIVER
Head	4.00 pts
Neck	4.00 pts
Chest & Abdomen	4.00 pts
Pelvis	No penalty



OCCUPANT-TO-OCCUPANT	
Head Contact	No penalty

WHIPLASH PROTECTION TESTS



	DRIVER / FRONT PASSENGER	REAR PASSENGER
Rear Impact	2.88 pts	1.00 pts

RESCUE & EXTRICATION



Rescue Sheet	●	No penalty
Door Opening / Extrication	●	No penalty
Multi-Collision Braking	●	1.00 pt
Advanced eCall	✗	1.00 pt default
Vehicle Submergence		
- Door opening	●	0.50 pt
- Window opening	●	0.50 pt

● FITTED TO TEST CAR AS STANDARD ● NOT FITTED TO TEST CAR BUT AVAILABLE AS AN OPTION ✗ NOT AVAILABLE - N/A



Child Occupant Protection

93%

45.81 out of 49

DYNAMIC TEST (FRONT)
16.00 points out of 16

RESTRAINT INSTALLATION
11.81 points out of 12

DYNAMIC TEST (SIDE)
8.00 points out of 8

ON-BOARD SAFETY FEATURES
10.00 points out of 13

In the **frontal offset** and **side impact** tests, protection of the 10 year and 6 year dummies was GOOD and maximum points were scored in these tests.

The BYD SEALION 7 is fitted with lower ISOFix anchorages on the rear outboard seats and top tether anchorages for all rear seating positions.

Installation of typical child restraints available in Australia and New Zealand showed most child restraints could be accommodated in most rear seating positions, though one of the selected booster seats could not be correctly installed in the centre rear seating position.

A direct child presence detection (CPD) system, which provides an alert when a child may have been left in the vehicle, is fitted to all seats as standard.

FRONTAL OFFSET (MPDB) TEST - 50km/h



6 YEAR OLD

10 YEAR OLD

SIDE IMPACT TEST - 60km/h



10 YEAR OLD

6 YEAR OLD

ON-BOARD SAFETY FEATURES

	FRONT PASSENGER	2nd ROW OUTBOARD	2nd ROW CENTRE	3rd ROW OUTBOARD	3rd ROW CENTRE
ISOFIX Anchorages	✗	●	✗	-	-
Top Tether Anchorage	✗	●	●	-	-
Airbag Disabling	✗	-	-	-	-
Child Presence Detection 3.00 pts (out of 4.00pts)	●	●	●	-	-

● FITTED AS STANDARD ✗ NOT AVAILABLE - N/A

CHILD RESTRAINT TYPE [^]		FRONT ROW PASSENGER	2nd ROW			3rd ROW		
			L	C	R	L	C	R
BELTED	Rearward-facing capsule	✗	●	●	●	-	-	-
	Rearward-facing with harness - convertible (Model A)	✗	●	●	●	-	-	-
	Rearward-facing with harness - convertible (Model B)	✗	●	●	●	-	-	-
	Forward-facing with harness - convertible (Model A)	✗	●	●	●	-	-	-
	Forward-facing with harness - convertible (Model B)	✗	●	●	●	-	-	-
	Booster - 4 to 8 years	✗	●	●	●	-	-	-
	Booster - 4 to 10 years	✗	●	●	●	-	-	-
ISOFIX	Rearward-facing capsule	✗	●	-	●	-	-	-
	Rearward-facing with harness - convertible (Model A)	✗	●	-	●	-	-	-
	Rearward-facing with harness - convertible (Model B)	✗	●	-	●	-	-	-
	Forward-facing with harness - convertible (Model A)	✗	●	-	●	-	-	-
	Forward-facing with harness - convertible (Model B)	✗	●	-	●	-	-	-

● INSTALL WITHOUT PROBLEM ● INSTALL WITH CARE ● CANNOT BE FITTED SAFELY ✗ INSTALLATION NOT ALLOWED - N/A

NOTE: The child restraints fitted to vehicles tested by Euro NCAP are relevant to the European market. For Australasian consumers, this information should be used as a guide to vehicle features only. The Child Restraint Evaluation Program (CREP) provides an independent assessment on the safety of Australasian child restraints - see www.childcarseats.com.au.
 * Installation of each child restraint is assessed separately in each position. Installation of multiple restraints has not been assessed and may not be possible.
 ^ The list of child restraints has been selected to provide a general indication of the rated vehicle's ability to accommodate various CRS types. ANCAP does not endorse or recommend any one CRS brand or model, nor does it rate the safety of child restraints.



Vulnerable Road User Protection

76%
48.44 out of 63

HEAD PROTECTION (Adult, Child, Cyclist)
9.58 points out of 18

PELVIS PROTECTION
3.87 points out of 4.5

FEMUR PROTECTION
3.22 points out of 4.5

KNEE & TIBIA PROTECTION
7.73 points out of 9

AEB PEDESTRIAN (Forward)
6.38 points out of 7

AEB PEDESTRIAN (Backover)
0.50 points out of 2

AEB CYCLIST
8.16 points out of 9

AEB MOTORCYCLE
6.00 points out of 6

LSS MOTORCYCLE
3.00 points out of 3

In **physical impact** tests, the bonnet and windscreen of the BYD SEALION 7 provided **ADEQUATE** protection to the head of a struck pedestrian over most of its surface, with **WEAK** and **POOR** results recorded on the stiff windscreen pillars and the rear and sides of the bonnet.

Protection of the pelvis was **GOOD** or **MARGINAL**. Protection of the femurs and lower legs was mixed, with areas of **GOOD** and **WEAK** performance.

The autonomous emergency braking (AEB) system is capable of detecting and reacting to vulnerable road users such as pedestrians, cyclists and motorcyclists. Testing of this system showed **GOOD** performance in forward **AEB pedestrian** tests, including in turning scenarios, with collisions avoided or mitigated in most tests. Performance in reverse (**AEB Backover**) scenarios was **MARGINAL**.

GOOD performance was seen in **AEB cyclist** test scenarios with collisions avoided or mitigated at most test speeds, including in turning scenarios. The vehicle provides information only when a bicycle is approaching from behind (**cyclist anti-dooring**).

GOOD performance was seen in the **AEB and lane support motorcyclist** tests, including in turning and emergency lane keeping scenarios, earning full points.

PEDESTRIAN & CYCLIST IMPACT TESTS



AUTONOMOUS EMERGENCY BRAKING (Cyclist, Pedestrian & Motorcycle)

System Name	Active Safety Brake
Type	Autonomous emergency braking with forward collision warning
Operational From	8-80 km/h

	Cyclist traveling along road (25%)	Cyclist crossing from kerb (obstructed)	Cyclist traveling along road (50%)	Cyclist crossing (nearside)	Cyclist crossing (farside)	Cyclist crossing side road, car turning (nearside)	Cyclist crossing side road, car turning (farside)
	DAY	DAY	DAY	DAY	DAY	DAY	DAY
AEB CYCLIST TEST SCENARIOS (forward)							
PERFORMANCE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

CYCLIST DOORING

Information (driver door)	●
Warning (driver door)	✗
Retention (driver door)	✗
Warning or retention (all other doors)	✗

● PASS ✗ FAIL - N/A

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR / NOT TESTED DUE TO NO PERFORMANCE PREDICTED
 ■ NOT TESTED



Vulnerable Road User Protection

76%

48.44 out of 63

AEB PEDESTRIAN TEST SCENARIOS (reverse)	Child / Adult standing behind reversing vehicle (25% offset)	Adult / Child standing behind reversing vehicle (50% offset)	Child / Adult standing behind reversing vehicle (75% offset)	Adult / Child walking behind reversing vehicle (50% offset)
	DAY	DAY	DAY	DAY
4km/h				
8km/h				
PERFORMANCE	MARGINAL			

AEB PEDESTRIAN TEST SCENARIOS (forward)	Adult walking along road		Adult crossing towards kerb (50%)		Adult crossing from kerb (25%)		Adult crossing from kerb (75%)		Child running (obstructed)		Adult crossing side road (farside), car turning		Adult crossing side road (nearside), car turning	
	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT
PERFORMANCE														
	GOOD													

AEB MOTORCYCLE TEST SCENARIOS (forward)	Driving towards a stationary motorcycle			Driving towards a braking motorcycle (25% offset)			Turning across the path of an oncoming motorcycle		
	100% OFFSET			12m HEADWAY			TARGET MOTORCYCLE SPEED		
	40m HEADWAY						30km/h	45km/h	60km/h
AEB (10-50km/h)									
FCW (30-80km/h)									
PERFORMANCE	GOOD						GOOD		

LANE SUPPORT SYSTEMS (Car-to-Motorcycle)

System Name	Lane Departure Assist and Emergency Lane Keeping Assist
Operational From	50-150 km/h

EMERGENCY LANE KEEPING (ELK) TEST SCENARIOS Car-to-Motorcycle	Oncoming motorcycle	Overtaking motorcycle (EMT at 60km/h)		Overtaking motorcycle (EMT at 80km/h)	
		UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL
PERFORMANCE					
	GOOD				

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR / NOT TESTED DUE TO NO PERFORMANCE PREDICTED
 ■ NOT TESTED



Safety Assist

78%

14.21 out of 18

SEAT BELT REMINDERS
1.00 points out of 1

DRIVER MONITORING
0.85 points out of 2

SPEED ASSISTANCE SYSTEMS
2.36 points out of 3

AEB / AES (Car-to-Car)
3.75 points out of 4

AEB / AES (Junction & Crossing)
2.74 points out of 4

AEB / AES (Head-On)
1.00 points out of 1

LANE SUPPORT SYSTEMS
2.50 points out of 3

The BYD SEALION 7 is fitted with an autonomous emergency braking system capable of functioning at highway speeds, and a lane support system (LSS) with lane keep assist (LKA) and emergency lane keeping (ELK) functionality.

Tests of the **AEB (Car-to-Car)** system showed GOOD performance with collisions avoided or mitigated in all forward car-to-car scenarios, and in many of the **AEB Junction** and **AEB Crossing** scenarios, where the test vehicle can autonomously brake to avoid crashes when turning across or into the path of an oncoming vehicle. Tests of the **AEB Head-On** system functionality showed GOOD performance.

Tests of **lane support system** functionality showed GOOD performance in lane keep assist scenarios, and ADEQUATE performance in the more critical emergency lane keeping scenarios.

A speed assistance system (SAS) with speed limit information function (SLIF) and intelligent adaptive cruise control (iACC) is standard, informing the driver of the local speed limit and allowing the driver to accept the change in speed accordingly.

A seatbelt reminder system with occupancy detection is fitted to all seating positions. A direct driver monitoring system (DMS) that can detect driver drowsiness and distraction is fitted as standard. The system provides a warning to the driver, but does not offer intervention.

AUTONOMOUS EMERGENCY BRAKING (Car-to-Car)

System Name	Active Safety Brake
Type	Autonomous emergency braking with forward collision warning
Operational From	4-150 km/h

		Driving towards a stationary car	Driving towards a slower moving car	Driving towards a lightly braking car	Driving towards a heavily braking car
		OFFSETS +/- 50%, 75%, 100%	OFFSETS +/- 50%, 75%, 100%	HEADWAY 12m & 40m	HEADWAY 12m & 40m
TEST VEHICLE SPEED	10km/h		-	-	-
	15km/h		-	-	-
	20km/h		-	-	-
	25km/h		-	-	-
	30km/h			-	-
	35km/h			-	-
	40km/h			-	-
	45km/h			-	-
	50km/h				
	55km/h			-	-
	60km/h			-	-
	65km/h			-	-
FCW	70km/h			-	-
	75km/h			-	-
	80km/h			-	-
PERFORMANCE		GOOD	GOOD	GOOD	GOOD

GOOD

ADEQUATE

MARGINAL

WEAK

POOR / NOT TESTED DUE TO
NO PERFORMANCE PREDICTED

NOT TESTED

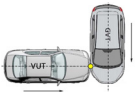


Safety Assist

78%

14.21 out of 18

AUTONOMOUS EMERGENCY BRAKING (Car-to-Car Junction, Crossing and Head-On)

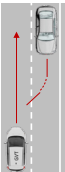
		JUNCTION ASSIST Turning across the path of an oncoming vehicle			CROSSING (T-BONE) Crossing the path of another vehicle				
TARGET VEHICLE SPEED		30km/h	45km/h	60km/h	20km/h	30km/h	40km/h	50km/h	60km/h
									
TEST VEHICLE SPEED	Start from stop	-	-	-					
	10km/h				-	-		-	-
	15km/h				-	-	-	-	-
	20km/h								
	30km/h	-	-	-					
	40km/h	-	-	-					
	50km/h	-	-	-					
	60km/h	-	-	-					
PERFORMANCE		GOOD			ADEQUATE				

			HEAD-ON In the path of oncoming vehicle	
			50km/h	70km/h
TEST VEHICLE SPEED	Travelling straight	50km/h		-
		70km/h	-	
	Lane change	50km/h		-
		70km/h	-	
PERFORMANCE			GOOD	

LANE SUPPORT SYSTEMS (Car-to-Car)

System Name	Lane Departure Assist and Emergency Lane Keeping Assist
Operational From	50-150 km/h

		Dashed line	Solid line
LANE KEEP ASSIST (LKA) TEST SCENARIOS Car-to-Car			
PERFORMANCE		GOOD	

EMERGENCY LANE KEEPING (ELK) TEST SCENARIOS Car-to-Car	Oncoming vehicle	Overtaking vehicle (GVT at 72km/h)		Overtaking vehicle (GVT at 80km/h)		Road edge		Solid line	
		UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL				
									
PERFORMANCE									
ADEQUATE									

GOOD

ADEQUATE

MARGINAL

WEAK

POOR / NOT TESTED DUE TO
NO PERFORMANCE PREDICTED

NOT TESTED



Safety Assist

78%

14.21 out of 18

OCCUPANT STATUS

WARNING TYPE	DRIVER	FRONT PASSENGER	REAR PASSENGERS
Occupant Detection	-	●	●
Seat Belt Reminder (Visual)	●	●	●
Seat Belt Reminder (Audible)	●	●	●

DRIVER MONITORING

	WARNING	INTERVENTION
Distraction	●	×
Fatigue	●	×
Unresponsive Driver	-	×

SPEED ASSISTANCE SYSTEMS (SAS)

FEATURE	
Speed Limit Information Function (SLIF)	Camera based
Manual Speed Limiter	×
Intelligent Adaptive Cruise Control (iACC)	●
Intelligent Speed Limitation (ISL)	×

HUMAN MACHINE INTERFACE (HMI)

FEATURE	
AEB: Supplementary Warning	●
AEB: Restraint activation / dynamic retractors / emergency steering support	×
Lane Departure Warning (LDW)	●
Blind Spot Monitoring (BSM): Car-to-Car & Car-to-Motorcycle	●

SAFETY FEATURES & TECHNOLOGIES

SAFETY FEATURE / TECHNOLOGY*	AUS	NZ
Seat belt pre-tensioners (front seats)	●	●
Seat belt pre-tensioners (rear outboard seats) - 2nd row	●	●
Seat belt pre-tensioners (rear centre seat) - 2nd row	✗	✗
Seat belt pre-tensioners (rear outboard seats) - 3rd row	-	-
Seat belt pre-tensioners (rear centre seat) - 3rd row	-	-
Intelligent seat belt reminder (driver)	●	●
Intelligent seat belt reminder (front passenger)	●	●
Intelligent seat belt reminder (2nd row seats)	●	●
Intelligent seat belt reminder (3rd row seats)	-	-
Airbag - dual frontal (driver & front passenger)	●	●
Airbags - side, chest protection (front seats)	●	●
Airbags - side, chest protection (2nd row seats)	●	●
Airbags - side, chest protection (3rd row seats)	-	-
Airbags - side, head protection (front seats)	●	●
Airbags - side, head protection (2nd row seats)	●	●
Airbags - side, head protection (3rd row seats)	-	-
Airbag - centre	●	●
Airbag - knee (driver)	✗	✗
Airbag - knee (front passenger)	✗	✗
Airbag - pedestrian (external)	✗	✗
Airbag disabling switch - automatic (front passenger)	✗	✗
Airbag disabling switch - manual (front passenger)	✗	✗
Autonomous emergency braking (AEB) - Car-to-Car	●	●
Autonomous emergency braking (AEB) - Vulnerable Road User		
- AEB Pedestrian	●	●
- AEB Backover	●	●
- AEB Cyclist	●	●
- AEB Motorcycle	●	●
Autonomous emergency braking (AEB) - Junction		
- AEB Junction (Car)	●	●
- AEB Junction (Pedestrian)	●	●
- AEB Junction (Cyclist)	●	●
- AEB Junction (Motorcycle)	●	●
Autonomous emergency braking (AEB) - Crossing	●	●
Automatic emergency call (eCall)	✗	✗
Blind spot monitor (BSM)	●	●
Child presence detection / alert	●	●
Cyclist dooring detection / alert	●	●
Driver monitoring system - Indirect	✗	✗
Driver monitoring system - Direct	●	●
Forward collision warning (FCW)	●	●
Lane departure warning (LDW)	●	●
Lane keep assist (LKA)		
- LKA (Car-to-Car)	●	●
- LKA (Car-to-Motorcycle)	●	●
Secondary / multi-collision brake	●	●
Speed assistance - intelligent adaptive cruise control (iACC)	●	●
Speed assistance - auto / intelligent speed limiter	✗	✗
Speed assistance - manual speed limiter	✗	✗
Speed assistance - speed sign recognition & warning	●	●
Vehicle-to-infrastructure communication (V2I)	✗	✗
Vehicle-to-vehicle communication (V2V)	✗	✗

● STANDARD ● AVAILABLE ON HIGHER VARIANTS ○ OPTIONAL ✗ NOT AVAILABLE - NOT APPLICABLE

* Correct at time of publication. Subject to change. Check with manufacturer.

TESTED MAKE / MODEL
BYD SEALION 7, Comfort, LHD

TESTED VEHICLE ENGINE
Battery Electric (BEV)

RATING UPDATED
n/a

TESTED BODY TYPE
5 door SUV

RATING PUBLISHED
April 2025