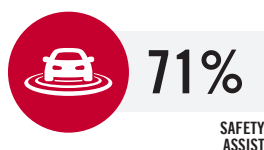


KIA CERATO

MAY 2018 - MAY 2021
S & SPORT VARIANTS



TESTED
2019



KIA CERATO S

OVERVIEW

The Kia Cerato sedan (BD series) was introduced in Australia in May 2018, with hatch variants released from December 2018. The Cerato sedan and hatch were released in New Zealand from September 2018.

This 4 star ANCAP safety rating applies to Cerato S and Cerato Sport variants without Safety Pack 1. A separate ANCAP safety rating is available for other variants.

Dual frontal, side chest-protecting and side head-protecting (curtain) airbags are standard. Autonomous emergency braking (City and Interurban) is standard on all variants. A more advanced AEB system capable of detecting and reacting to Vulnerable Road Users is available as an option as part of Safety Pack 1 for Cerato S and Cerato Sport variants, and standard on other variants.

ANCAP SAFETY RATING



RATING YEAR (DATESTAMP)

2019

VEHICLE TYPE

Small Car

AIRBAGS

Dual frontal, side chest, side head

A lane keep assist (LKA) system with lane departure warning (LDW) and a manual-set speed limiter are standard on all variants.

RATING APPLICABILITY

VARIANT	BODY TYPE	ENGINE	DRIVETRAIN	AUS	NZ
Kia Cerato S	Sedan	2.0 litre petrol	4x2	✓	-
Kia Cerato S	5 door hatch	2.0 litre petrol	4x2	✓	-
Kia Cerato S with Safety Pack 1 ♦	Sedan	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato S with Safety Pack 1	5 door hatch	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato Sport	Sedan	2.0 litre petrol	4x2	✓	-
Kia Cerato Sport	5 door hatch	2.0 litre petrol	4x2	✓	-
Kia Cerato Sport with Safety Pack 1	Sedan	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato Sport with Safety Pack 1	5 door hatch	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato Si	Sedan	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato Si	5 door hatch	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato Sport+	Sedan	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato Sport+	5 door hatch	2.0 litre petrol	4x2	[5 stars]	-
Kia Cerato EX	Sedan	2.0 litre petrol	4x2	-	[5 stars]
Kia Cerato EX	5 door hatch	2.0 litre petrol	4x2	-	[5 stars]
Kia Cerato LX	Sedan	2.0 litre petrol	4x2	-	[5 stars]
Kia Cerato LX	5 door hatch	2.0 litre petrol	4x2	-	[5 stars]
Kia Cerato GT	Sedan	1.6 litre petrol turbo	4x2	[5 stars]	-
Kia Cerato GT	5 door hatch	1.6 litre petrol turbo	4x2	[5 stars]	[5 stars]
Kia Cerato GT-LINE	Sedan	2.0 litre petrol	4x2	-	[5 stars]
Kia Cerato GT-LINE	5 door hatch	2.0 litre petrol	4x2	-	[5 stars]

✓ COVERED BY THIS RATING ✗ NOT COVERED BY THIS RATING ♦ TESTED VARIANT

ADULT OCCUPANT PROTECTION



90%

34.25 POINTS
OUT OF 38

The passenger compartment remained stable in the frontal offset test. Dummy readings indicated ADEQUATE protection of the driver's chest and the lower legs of both the driver and front passenger. Brake pedal movement resulted in driver foot protection being rated ADEQUATE. Protection was GOOD for all other critical body regions for both the driver and front passenger.

In the full width frontal test, chest protection was ADEQUATE for the driver and MARGINAL for the rear passenger, otherwise GOOD protection was offered to all other critical body regions for both the driver and rear passenger.

GOOD protection was provided for the driver in the side impact test. In the oblique pole test, protection of the chest was WEAK while all other areas provided GOOD protection.

The autonomous emergency braking system (AEB) showed GOOD performance in low speed test scenarios typical of city driving and earned full points.

FRONTAL OFFSET#	6.85 (out of 8)
FULL WIDTH FRONTAL#	7.36 (out of 8)
SIDE IMPACT#	8.00 (out of 8)
OBLIQUE POLE#	6.40 (out of 8)
WHIPLASH PROTECTION	1.64 (out of 2)
AEB - City	4.00 (out of 4)

Scaled scores. Total test scored out of 16.00 points.

FRONTAL OFFSET TEST (64 KM/H)



Driver

Head / neck:	4.00 points
Chest:	2.90 points
Upper legs:	4.00 points
Lower legs:	2.80 points
Deductions:	Nil



Front Passenger

Head / neck:	4.00 points
Chest:	4.00 points
Upper legs:	4.00 points
Lower legs:	3.68 points
Deductions:	Nil

FULL WIDTH FRONTAL TEST (50 KM/H)



Driver

Head:	4.00 points
Neck:	4.00 points
Chest:	3.69 points
Upper legs:	4.00 points
Deductions:	Nil



Rear Passenger

Head:	4.00 points
Neck:	4.00 points
Chest:	1.75 points
Upper legs:	4.00 points
Deductions:	Nil

SIDE IMPACT TEST (50 KM/H)



Driver

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points
Deductions:	Nil



Driver

Head:	4.00 points
Chest:	0.80 points
Abdomen:	4.00 points
Pelvis:	4.00 points
Deductions:	Nil

OBLIQUE POLE TEST (32 KM/H)

WHIPLASH (REAR IMPACT) PROTECTION TEST



Rear Passenger

Rear:	0.31 points
Front:	1.33 points



Driver / Front Passenger

AEB - CITY (10-50 KM/H)

Score: 4.00 points

OVERLAP	-50%	-75%	100%	75%	50%
PERFORMANCE					
	GOOD				

GOOD ADEQUATE MARGINAL WEAK POOR

CHILD OCCUPANT PROTECTION



83%

41.06 POINTS
OUT OF 49

In the frontal offset test, dummy readings indicated WEAK protection of the neck of the 10 year dummy. Otherwise, protection of both dummies was GOOD.

In the side impact test, protection of all critical body areas was GOOD for both child dummies.

The Kia Cerato is fitted with lower ISOFix anchorages for 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 Type A convertible seats could not be correctly installed in rearward facing mode using the ISOFix anchorages. In addition, care is required when installing a Type E booster in the centre rear position.

DYNAMIC TEST (FRONT)	14.65 (out of 16)
DYNAMIC TEST (SIDE)	8.00 (out of 8)
RESTRAINT INSTALLATION	11.41 (out of 12)
ON-BOARD SAFETY FEATURES	7.00 (out of 13)

FRONTAL OFFSET TEST (64 KM/H)



6 year old

10 year old

SIDE IMPACT TEST (50 KM/H)



10 year old

6 year old

ON-BOARD SAFETY FEATURES

FEATURE	FRONT PASSENGER	2nd ROW OUTBOARD	2nd ROW CENTRE	3rd ROW OUTBOARD	3rd ROW CENTRE
ISOFix	×	●	×	-	-
Integrated child restraints	×	×	×	-	-
Top tether anchorage	×	●	●	-	-
Airbag disabling	×	-	-	-	-

● FITTED TO TEST CAR AS STANDARD ● NOT FITTED TO TEST CAR BUT AVAILABLE AS AN OPTION × NOT AVAILABLE - NOT APPLICABLE

NOTE: The Child Restraint Evaluation Program (CREP) provides an independent assessment on the safety of Australasian child restraints - see www.childcarseats.com.au.

GOOD ADEQUATE MARGINAL WEAK POOR

CHILD OCCUPANT PROTECTION



83%

41.06 POINTS
OUT OF 49

CHILD RESTRAINT INSTALLATION*

CHILD RESTRAINT (CRS) TYPE^		FRONT ROW PASSENGER	2nd ROW			3rd ROW		
			LEFT	CENTRE	RIGHT	LEFT	CENTRE	RIGHT
BELTED	TYPE A	Rearward facing capsule	×	●	●	●	–	–
		Rearward facing with harness - convertible (Model A)	×	●	●	●	–	–
		Rearward facing with harness - convertible (Model B)	×	●	●	●	–	–
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	●	●	–	–
		Forward facing with harness - convertible (Model B)	×	●	●	●	–	–
	TYPE E	Booster - 4 to 8 years	×	●	●	●	–	–
ISOFIX	TYPE A	Rearward facing capsule	×	●	–	●	–	–
		Rearward facing with harness - convertible (Model A)	×	●	–	●	–	–
		Rearward facing with harness - convertible (Model B)	×	●	–	●	–	–
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	–	●	–	–
		Forward facing with harness - convertible (Model B)	×	●	–	●	–	–
	TYPE F	Booster - 4 to 10 years	×	●	●	●	–	–

* 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 above 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.

● INSTALL WITHOUT PROBLEM ● INSTALL WITH CARE ● CANNOT BE FITTED SAFELY × INSTALLATION NOT ALLOWED – NOT APPLICABLE

VULNERABLE ROAD USER PROTECTION



55%

26.51 POINTS
OUT OF 48

The bonnet provided predominantly GOOD or ADEQUATE protection to the head of a struck pedestrian, while MARGINAL and POOR results were recorded at the rear of the bonnet, at the base of the windscreen and on the stiff windscreen pillars.

Protection of the pelvis area was GOOD or ADEQUATE, while the bumper showed GOOD results for leg impacts.

The autonomous emergency braking (AEB) system fitted as standard to Cerato S and Cerato Sport variants is not designed to react to vulnerable road users and scores no points for AEB Pedestrian or AEB Cyclist. A more advanced AEB system capable of detecting and reacting to pedestrians and cyclists is available as an option for these variants, and is standard on all other Cerato variants. Details on performance of the more advanced system are available as part of a separate rating.

HEAD IMPACTS	14.57 (out of 24)
UPPER LEG IMPACTS	5.94 (out of 6)
LOWER LEG IMPACTS	6.00 (out of 6)
AEB - Pedestrian	0.00 (out of 6)
AEB - Cyclist	0.00 (out of 6)

PEDESTRIAN IMPACT TEST (40 KM/H)



AUTONOMOUS EMERGENCY BRAKING (PEDESTRIAN & CYCLIST)

SYSTEM NAME: [NOT FITTED]
TYPE: [NOT FITTED]
OPERATIONAL FROM: [NOT FITTED]
DESCRIPTION: [NOT FITTED]

TEST SCENARIO	AEB - Pedestrian										AEB - Cyclist				
	Adult crossing towards kerb (50%)		Adult crossing from kerb (25%)		Adult crossing from kerb (75%)		Child running (obstructed)		Adult walking along road		FORWARD COLLISION WARNING Adult walking along road		Cyclist crossing from kerb	Cyclist travelling along road (50%)	FORWARD COLLISION WARNING Cyclist travelling along road (25%)
	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	DAY	DAY
															
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERFORMANCE	[NOT FITTED]										[NOT FITTED]				

GOOD ADEQUATE MARGINAL WEAK POOR

SAFETY ASSIST



71%

9.28 POINTS
OUT OF 13

The Kia Cerato is fitted with an autonomous emergency braking system (AEB) as standard equipment. Cerato S and Cerato Sport variants are fitted with a camera-only AEB system which offers slightly reduced performance at highway speeds. A more advanced system is available as part of an optional safety pack for these variants, and is standard on all other variants. Overall, effectiveness of the basic AEB system in AEB Interurban scenarios was rated ADEQUATE.

A lane support system (LSS) with lane keep assist (LKA) and lane departure warning (LDW) is standard. A blind spot monitoring system (BSM) is optional on some variants and standard on others.

Tests of LSS functionality showed GOOD performance, with the system intervening in some of the more critical emergency lane keeping (ELK) test scenarios.

SPEED ASSISTANCE SYSTEMS

1.25 (out of 3)

SEAT BELT REMINDERS

2.83 (out of 3)

LANE SUPPORT SYSTEMS

3.25 (out of 4)

AEB - Interurban

1.95 (out of 3)

A seatbelt reminder system is fitted to all seating positions with occupancy detection available for the front passenger and rear outboard seating positions. A manually-set speed assistance system is standard equipment. A speed limit information function is not available.

LANE SUPPORT SYSTEMS (LSS)

SYSTEM NAME: Lane Keep Assist
OPERATIONAL FROM: 80-180 km/h

EMERGENCY LANE KEEPING (ELK)						
TEST SCENARIO	Oncoming vehicle	Overtaking vehicle (GVT at 72 km/h)		Overtaking vehicle (GVT at 80 km/h)		Road edge
		UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL	
PERFORMANCE	GOOD	-	-	-	-	GOOD
GOOD						

LANE KEEP ASSIST (LKA)									
TEST SCENARIO	Dashed Line				Solid Line				Road Edge
PERFORMANCE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	POOR
GOOD									

HUMAN MACHINE INTERFACE (HMI)		
FUNCTION	Lane Departure Warning (LDW)	PASS
	Blind Spot Monitoring (BSM)	[NOT STANDARD]



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

SAFETY ASSIST

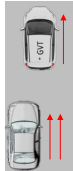
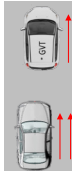
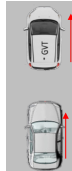
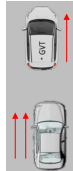
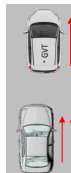


71%

9.28 POINTS
OUT OF 13

AUTONOMOUS EMERGENCY BRAKING (INTERURBAN)

SYSTEM NAME: AEB with FCWS (Camera only)
TYPE: Autonomous emergency braking with forward collision warning
OPERATIONAL FROM: 10-180 km/h
DESCRIPTION: Defaults ON for every journey.

HUMAN MACHINE INTERFACE (HMI)										
FUNCTION	Supplementary warning					[NOT FITTED]				
	Restraint activation / dynamic retractors					[NOT FITTED]				
FORWARD COLLISION WARNING (FCW)										
TEST SCENARIO	Driving towards a stationary car					Driving towards a slower moving car				
										
PERFORMANCE	GOOD									
AUTONOMOUS EMERGENCY BRAKING - Interurban										
TEST SCENARIO	Toward car braking lightly		Toward car braking heavily		Driving towards a slower moving car					
	12m HEADWAY	40m HEADWAY	12m HEADWAY	40m HEADWAY						
										
PERFORMANCE	ADEQUATE									

SPEED ASSISTANCE SYSTEMS (SAS)

SYSTEM NAME: Speed Limiter

SAS FEATURE	DESCRIPTION
Speed Limit Information Function (SLIF)	[NOT AVAILABLE]
Speed Limitation Function	Manually set

SEAT BELT REMINDERS (SBR)

WARNING TYPE	DRIVER	FRONT PASSENGER	REAR PASSENGERS
Occupant Detection	-	●	●
Visual	●	●	●
Audible	●	●	●

● PASS ● FAIL ✗ NOT AVAILABLE - NOT APPLICABLE

GOOD ADEQUATE MARGINAL WEAK POOR

SAFETY FEATURES & TECHNOLOGIES

FEATURE / TECHNOLOGY~	AVAILABILITY	
	AUS	NZ
Seat belts (three-point) for all forward-facing seats	●	●
Seat belt pre-tensioners (front)	●	●
Seat belt pre-tensioners (rear outboard) - 2nd row	●	●
Seat belt pre-tensioners (rear centre) - 2nd row	✗	✗
Seat belt pre-tensioners (rear outboard) - 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 - frontal (driver)	●	●
Airbag - frontal (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 - knee (driver)	✗	✗
Airbag - knee (front passenger)	✗	✗
Airbag disabling switch - automatic (front passenger)	✗	✗
Airbag disabling switch - manual (front passenger)	✗	✗
Head restraints for all seats	●	●
Active bonnet	✗	✗
Adaptive cruise control (ACC)	○	●
Adaptive headlights	✗	✗
Anti-lock braking system (ABS)	●	●
Autonomous emergency braking (AEB) - City	●	●
Autonomous emergency braking (AEB) - Interurban	●	●
Autonomous emergency braking (AEB) - VRU	○	●
Automatic emergency call (eCall)	✗	✗
Automatic headlights	●	●
Automatic high beam	✗	✗

FEATURE / TECHNOLOGY~	AVAILABILITY	
	AUS	NZ
Blind spot monitor (BSM)	○*	●
Child presence alert	✗	✗
Daytime running lights (DRL)	●	●
Electronic brakeforce distribution (EBD)	●	●
Electronic data recorder (EDR)	✗	✗
Electronic stability control (ESC)	●	●
Emergency brake assist (EBA)	●	●
Emergency stop signal (ESS)	●	●
Fatigue reminder	●	●
Fatigue detection	●	●
Forward collision warning (FCW)	●	●
Hill launch assist	●	●
Integrated child seat / restraint	✗	✗
ISOFix	●	●
Lane departure warning (LDW)	●	●
Lane keep assist (LKA)	●	●
Pre-crash systems	✗	✗
Rear cross-traffic alert (RCTA)	○*	●
Reversing collision avoidance (camera)	●	●
Reversing collision avoidance (auto brake)	✗	✗
Roll stability system	✗	✗
Secondary / multi-collision brake	✗	✗
Speed assistance - auto / intelligent speed limiter	✗	✗
Speed assistance - manual speed limiter	●	●
Speed assistance - speed sign recognition & warning	✗	✗
Smart (intelligent) key	✗	✗
Trailer stability control	✗	✗
Tyre pressure monitoring system (TPMS)	●	●
Vehicle-to-infrastructure communication (V2I)	✗	✗
Vehicle-to-vehicle communication (V2V)	✗	✗

~ Specifications & availability subject to change. Please check with the vehicle manufacturer for confirmation of vehicle specification.

* Not available on Cerato Si.

● STANDARD ○ NOT AVAILABLE ON BASE VARIANT BUT STANDARD OR OPTIONAL ON HIGHER VARIANTS ○ OPTIONAL ✗ NOT AVAILABLE

MODEL VARIANTS:

ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on the extension of a rating to additional variants of a model.

RATING YEAR (DATESTAMP):

The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and, for vehicles rated from 2018, the Rating Year is the year in which the vehicle was tested.

ASSESSMENT DETAILS

TESTED MAKE / MODEL	Kia Cerato S RHD
TESTED VEHICLE(S) BUILT	2018
TESTED BODY TYPE	4 door sedan
TESTED VEHICLE ENGINE	2.0 litre petrol
RATING PUBLISHED	January 2019
RATING UPDATED	March 2019