

ANCAP Safety Rating

HYUNDAI KONA (September 2017 – May 2023)



Hyundai Kona

This ANCAP safety rating applies to:

Make / Model	Hyundai Kona
Year Range	September 2017 - May 2023
Variant(s)*	All variants
Vehicle Type	Small SUV

The tested model of Hyundai Kona was introduced in Australia and New Zealand in September 2017. This ANCAP safety rating applies to all variants including hybrid variants and the Kona Electric released in New Zealand in August 2018 and in Australia from March 2019.

Dual frontal, side and side head-protecting (curtain) airbags are standard. Autonomous emergency braking (AEB), blind spot monitoring (BSM) and lane support systems (LSS) are standard on all Australian variants built from November 2020 and standard on all New Zealand variants.

A full list of safety features and technologies can be viewed within the *Safety Features & Technologies* table on page 2 of this report.

Injury Outcomes.

Frontal Offset
Driver



Passenger



Side Impact & Pole#
Driver



Whiplash Protection
Driver



GOOD
ACCEPTABLE
MARGINAL
POOR

* Head protection only.

Test Results Summary.

Airbags	Dual Frontal, Side, Head
Frontal Offset Test	14.07 (out of 16)
Side Impact Test	16.00 (out of 16)
Pole Test	2.00 (out of 2)
Whiplash Protection	Good
Pedestrian Protection	Acceptable
ESC	Standard
Seat Belt Reminders	3.00 (out of 3)
Overall Score	35.07 (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year^	2017

Occupant Protection.

Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	2.74 points
Upper legs:	4.00 points
Lower legs:	3.33 points

In the frontal offset test, protection for the driver and passenger chest and lower legs were rated as acceptable. The passenger compartment held its shape and pedal and steering wheel displacements were well controlled.

Side Impact Test

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points

Good protection was provided for the driver in the side impact test. The side airbags performed well.

Pole Test

Scored out of 2 points

Score:	2.00 points
--------	-------------

The vehicle has side curtain airbags so was eligible for a side pole test. The vehicle scored the maximum 2 points for head protection in this test.

Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

Geometric test:	Good
Dynamic test:	Good
Overall whiplash rating:	Good

ANCAP Safety Rating

HYUNDAI KONA (September 2017 – May 2023)



Pedestrian Protection.

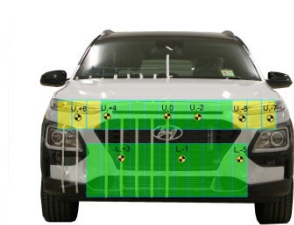
Pedestrian Test

Scored out of 36 points

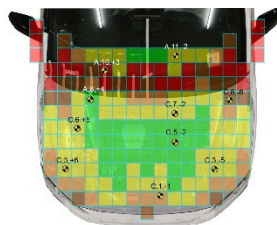
Adult & child head impacts: 12.86 points
Upper leg impacts: 5.74 points
Lower leg impacts: 6.00 points

This vehicle scored 24.60 out of 36 points (Acceptable). The bonnet provided predominantly good or adequate protection to the head of a struck pedestrian with poor results recorded at the base of the windscreen and on the windscreen pillars. The front edge of the bonnet offered good or adequate protection. The bumper showed good results for leg impacts. (v8.3)

Child and adult head impact



Adult leg impact (upper and full legforms)



Score Deductions.

Deductions from frontal offset test scores

Head / neck: No deductions
Chest: No deductions
Upper legs: No deductions
Lower legs: No deductions
Overall: No deductions

Deductions from side impact test score

Head / neck: No deductions
Chest: No deductions
Abdomen: No deductions
Pelvis: No deductions
Overall: No deductions

Deductions from pole test score

Head: No deductions

Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at ancap.com.au.

Safety Feature / Safety Assist Technology	Availability	
	AUS	NZ
Seat belts (three-point, lap/sash) for all forward-facing seats	S	S
Seat belt pretensioners (front)	S	S
Seat belt pretensioners (rear outboard)	S	S
Intelligent seat belt reminder (driver)	S	S
Intelligent seat belt reminder (front passenger)	S	S
Intelligent seat belt reminder (2 nd row seats)	S	S
Airbag - Frontal (driver)	S	S
Airbag - Frontal (passenger)	S	S
Airbag - Side, chest protection (front seats)	S	S
Airbag - Side, chest protection (2 nd row seats)	X	X
Airbag - Side, head protection (front seats)	S	S
Airbag - Side, head protection (2 nd row seats)	S	S
Airbag - Knee (driver)	X	X
Airbag - Knee (front passenger)	X	X
Head restraints for all seats	S	S
Adaptive cruise control (ACC)	X# %	V*
Antilock braking system (ABS)	S	S
Autonomous emergency braking (AEB)		
- City	0%	S
- Interurban	0%	S
- Vulnerable road user	0%	S
Automatic headlights	S	
Automatic high beam	V	
Blind spot monitoring (BSM)	0	S
Electronic brakeforce distribution (EBD)	S	S
Electronic stability control (ESC)	S	S
Emergency brake assist (EBA)	S	S
Emergency stop signal (ESS)	S	S
Fatigue reminder	0	S
Lane departure warning (LDW)	0%	S
Lane keep assist (LKA)	0%	S
Daytime running lights (DRL)	S	S
Hill launch assist	S	S
Reversing collision avoidance	S	S
Speed assistance - automatic / intelligent speed limiting (ISA)	X	X
Speed assistance - manual speed limiting	X	V*
Speed assistance - speed sign recognition & warning	X	X
Tyre pressure monitoring system (TPMS)	S	S

S = Standard on all variants.

O = Optional on base variant. May be standard on higher variants.

V = Not available on base variant but standard or optional on higher variants.

X = Not available on any variant.

* = Available on New Zealand variants of the Kona Electric.

= Optional for MY19 Australian variants.

% = Standard on all variants built from November 2020.

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

ANCAP Safety Rating

HYUNDAI KONA (September 2017 – May 2023)



Injury Values & Measurements.

Body Region	Frontal offset test at 64 km/h (v5.1)		Side impact test at 50 km/h (v5.1)
	Driver	Passenger	Driver
Head			
HIC	455.00	445.00	43.00
Acceleration (g for 3ms)	50.90	57.50	25.30
Neck			
Shear (kN)	0.59	0.51	-
Tension (kN)	1.27	0.84	-
Extension (Nm)	15.50	12.80	-
Chest			
Acceleration (g for 3ms)	-	-	-
Compression (mm)	30.85	23.13	11.00
Viscous criterion (m/s)	0.15	0.06	0.03
Abdomen			
Force (kN)	-	-	0.49
Pelvis			
Force (kN)	-	-	1.37
Upper legs			
Femur force left (kN)	0.88	0.12	
Femur force right (kN)	0.06	1.54	
Knee displacement left (mm)	0.00	0.22	
Knee displacement right (mm)	0.15	2.77	
Lower legs			
Force left (kN)	1.02	2.23	
Force right (kN)	1.97	1.92	
Index (upper / lower) left	0.35 / 0.30	0.31 / 0.14	
Index (upper / lower) right	0.55 / 0.32	0.25 / 0.28	
Intrusion Measurements*			
Steering column			
Forward (mm)	-30		
Upward (mm)	-7.7		
Sideways (mm)	9		
Pedals			
Brake - rearward (mm)	49		
Brake - upward (mm)	27		
A-Pillar			
Rearward (mm)	1		

+ Steering column and pedal movements are measured relative to the driver's seat.

* **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 extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ **Rating Year:** The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

Assessment Details.

Tested Make / Model	Hyundai Kona
Tested Vehicle(s) Built	2017
Tested Body Type	SUV
Tested Vehicle Kerb Weight	1305 kg
Tested Vehicle Engine	2.0 litre MPi
Tested By	ANCAP
Assessed By	ANCAP
Document Reference	Kona_17
Document Created / Revised	Dec 2017 / Aug 2018 / Mar 2019
Rating Published	December 2017
Rating Updated	Mar 2019 / Annual Review (2020) / Apr 22



Frontal offset test at 64km/h