

TOYOTA C-HR



APPLIES TO
All variants exc. GR Sport

BUILT FROM
October 2023

RATING CRITERIA
2023-2025

VEHICLE TYPE
Small SUV

ON SALE FROM
NZ: February 2024
AUS: March 2024

RATING EXPIRES
December 2031

ENGINE / MOTOR TYPES
Hybrid

MODEL SERIES
n/a

AIRBAGS
Dual frontal, side chest, side head,
centre, driver knee



ANCAP
SAFETY

TESTED
2024



The Toyota C-HR was introduced in New Zealand in February 2024 and Australia in March 2024. This ANCAP safety rating applies to all hybrid variants excluding the GR Sport.

Dual frontal, side chest-protecting and side head-protecting airbags and a driver knee airbag 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) are standard equipment.

ASSESSMENT SCORES



Adult Occupant Protection

85%

34.04 out of 40



Child Occupant Protection

88%

43.59 out of 49



Vulnerable Road User Protection

86%

54.36 out of 63



Safety Assist

82%

14.83 out of 18

RATING APPLICABILITY*

VARIANT	BODY TYPE	ENGINE / POWERTRAIN	DRIVETRAIN	AUS	NZ
Toyota C-HR GXL	5 door SUV	1.8L Hybrid	2WD	✓	-
Toyota C-HR Koba	5 door SUV	1.8L Hybrid	2WD	✓	-
Toyota C-HR GX	5 door SUV	1.8L Hybrid	2WD	-	✓
Toyota C-HR Limited	5 door SUV	1.8L Hybrid	2WD	-	✓
Toyota C-HR GR Sport	5 door SUV	2.0L Hybrid	AWD	✗	✗

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



Adult Occupant Protection

85%

34.04 out of 40

FRONTAL OFFSET (MPDB) [#] 5.43 points out of 8	OBlique POLE [#] 6.00 points out of 6	RESCUE & EXTRICATION 2.67 points out of 4
FULL WIDTH FRONTAL [#] 6.19 points out of 8	WHIPLASH PROTECTION 3.75 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 Toyota C-HR remained stable in the **frontal offset (MPDB) test**. Dummy readings indicated MARGINAL protection for the driver's chest and ADEQUATE protection for the lower legs of the driver and front passenger. Protection was GOOD for all other critical body regions for both the driver and front passenger.

The front structure of the Toyota C-HR presented a lower risk to occupants of an oncoming vehicle in the MPDB test (which evaluates vehicle-to-vehicle compatibility), and a 1.69 point penalty (out of 8.00 points) was applied.

In the **full width frontal test**, protection was MARGINAL for the chest of the driver and the rear passenger. The rear passenger 'submarined', with the seatbelt slipping into the abdomen of the dummy and a penalty was applied.

In the **side impact test** and **oblique pole test**, protection offered to all critical body regions was GOOD and the Toyota C-HR scored maximum points in these tests.

The Toyota C-HR 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 ADEQUATE for both the vehicle-to-vehicle impact scenario and 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 Toyota C-HR 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	1.40 pts	4.00 pts
Upper Legs	4.00 pts	4.00 pts
Lower Legs	3.16 pts	3.78 pts
Deductions	Nil	Nil

COMPATIBILITY

Deductions	-1.69 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	2.56 pts	2.20 pts
Upper Legs	4.00 pts	0.00 pts
Deductions	Nil	-4.00 pts (<i>submarining</i>)

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

85%

34.04 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	3.00 pts	0.75 pts

RESCUE & EXTRICATION



Rescue Sheet	●	No penalty
Door Opening / Extrication	●	No penalty
Multi-Collision Braking	●	1.00 pt
Advanced eCall	✗	0.67 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

88%

43.59 out of 49

DYNAMIC TEST (FRONT)
15.59 points out of 16

RESTRAINT INSTALLATION
12.00 points out of 12

DYNAMIC TEST (SIDE)
8.00 points out of 8

ON-BOARD SAFETY FEATURES
8.00 points out of 13

In the **frontal offset test**, dummy readings indicated GOOD protection for all critical body areas of both child dummies, except the neck of the 10 year dummy where protection was rated as ADEQUATE.

GOOD protection is offered to all critical body areas of both child dummies in the **side impact test**, and full points were scored.

The Toyota C-HR is fitted with lower ISOFix anchorages on the rear outboard seats and top tether anchorages for all rear seating positions.

An indirect child presence detection (CPD) system, which provides an alert when a child may have been left in the rear passenger seats of the vehicle, is fitted as standard.

Installation of typical child restraints available in Australia and New Zealand showed GOOD results and the Toyota C-HR scored full points for this assessment.

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 Anchorage	✗	●	✗	–	–			
Top Tether Anchorage	✗	●	●	–	–			
Airbag Disabling	✗	–	–	–	–			
Child Presence Detection	●	●	●	–	–			
1.00 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
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	✗	●	●	●	–	–	–
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 Australian 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 Australian 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

86%

54.36 out of 63

HEAD PROTECTION (Adult, Child, Cyclist) 12.29 points out of 18	KNEE & TIBIA PROTECTION 9.00 points out of 9	AEB CYCLIST 8.57 points out of 9
PELVIS PROTECTION 4.50 points out of 4.5	AEB PEDESTRIAN (Forward) 6.50 points out of 7	AEB MOTORCYCLE 6.00 points out of 6
FEMUR PROTECTION 4.50 points out of 4.5	AEB PEDESTRIAN (Backover) NOT TESTED out of 2	LSS MOTORCYCLE 3.00 points out of 3

The bonnet of the Toyota C-HR provided GOOD or ADEQUATE protection to the head of a struck pedestrian over most of its surface, with MARGINAL and POOR results recorded at the base of the windscreens and on the stiff windscreen pillars. Protection of the pelvis, femurs and lower legs was GOOD.

The autonomous emergency braking (AEB) system fitted to the Toyota C-HR is capable of detecting and reacting to vulnerable road users such as pedestrians, cyclists and motorcyclists. Testing of this system showed GOOD performance in **AEB pedestrian** test scenarios including in turning scenarios, with collisions avoided or mitigated in most tests. The AEB system reacts to vulnerable road users in reverse (AEB Backover) but the system was not standard on the tested vehicle and hence these tests were not conducted.

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

GOOD performance was seen in the **AEB** and **LSS motorcycle** tests, including in turning and overtaking scenarios, earning full points.

PEDESTRIAN & CYCLIST IMPACT TESTS



AUTONOMOUS EMERGENCY BRAKING (Cyclist, Pedestrian & Motorcycle)

System Name	Pre-Collision System with Pedestrian Detection as part of Toyota Safety Sense
Type	Autonomous emergency braking with forward collision warning
Operational From	50-80 km/h

AEB CYCLIST TEST SCENARIOS (forward)	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
PERFORMANCE						GOOD	

CYCLIST DOORING

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

● PASS ✗ FAIL - N/A



Vulnerable Road User Protection

86%

54.36 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				NOT TESTED

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
PERFORMANCE												

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 Tracing Assist
Operational From	50-200 km/h

EMERGENCY LANE KEEPING (ELK) TEST SCENARIOS Car-to-Motorcycle	Oncoming motorcycle	Overtaking motorcycle (GVT at 72km/h)	Overtaking motorcycle (GVT at 80km/h)	
	UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL
PERFORMANCE				GOOD



Safety Assist

82%

14.83 out of 18

SEAT BELT REMINDERS 1.00 points out of 1	AEB / AES (Car-to-Car) 4.00 points out of 4	LANE SUPPORT SYSTEMS 3.00 points out of 3
DRIVER MONITORING 0.25 points out of 2	AEB / AES (Junction & Crossing) 2.96 points out of 4	
SPEED ASSISTANCE SYSTEMS 2.63 points out of 3	AEB / AES (Head-On) 1.00 points out of 1	

The Toyota C-HR is fitted with an autonomous emergency braking (AEB) system capable of functioning at highway speeds, and a lane support system (LSS) with lane keep assist (LKA) and emergency lane keeping (ELK) functionality, and blind spot monitoring (BSM).

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

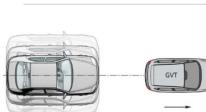
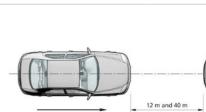
Tests of **lane support system** functionality showed **GOOD** performance, including in the more critical emergency lane keeping test scenarios.

A **speed assistance system (SAS)** with speed limit information function (SLIF) and intelligent adaptive cruise control (ACC) 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.

A direct driver monitoring system (DMS) is fitted to vehicles sold in Australia and New Zealand, however this system was not present on the tested vehicle and was not assessed.

AUTONOMOUS EMERGENCY BRAKING (Car-to-Car)

System Name	Pre-Collision System			
Type	Autonomous emergency braking with forward collision warning			
Operational From	5-180 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	AEB	AEB	
	15km/h			
	20km/h			
	25km/h			
AEB	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



Safety Assist

82%

14.83 out of 18

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

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

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

LANE SUPPORT SYSTEMS (Car-to-Car)

System Name	Lane Tracing Assist (LTA)
Operational From	50-200 km/h

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

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



Safety Assist

82%

14.83 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	●
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 (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
Toyota C-HR, Advance, LHD

TESTED VEHICLE ENGINE
1.8L Hybrid

RATING UPDATED
December 2025

TESTED BODY TYPE
5 door SUV

RATING PUBLISHED
April 2024