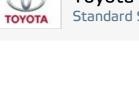
#### **TEST RESULTS**

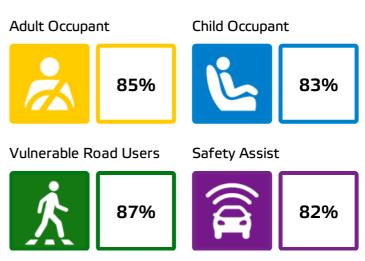




# Toyota Corolla Cross Standard Safety Equipment







# SPECIFICATION

Tested Model	Toyota Corolla Cross 2.0 hybrid, LHD
Body Type	- 5 door SUV
Year Of Publication	2022
Kerb Weight	1500kg
VIN From Which Rating Applies	- all Corolla Cross
Class	Small Off-Road



# 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	•	•	_

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# SAFETY EQUIPMENT (NEXT)

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

OTHER SYSTEMS	
Active Bonnet	*
AEB Vulnerable Road Users	
AEB Pedestrian - Reverse	Ο
AEB Car-to-Car	
Speed Assistance	
Lane Assist System	

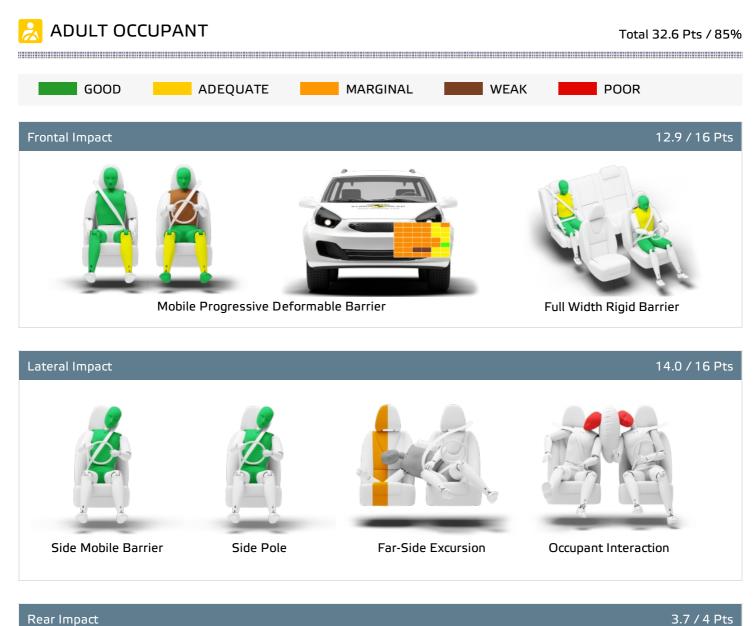
Note: Other equipment may be available on the vehicle but was not considered in the test year.

Fitted to the vehicle as standard

○ Not fitted to the test vehicle but available as option or as part of the safety pack

🗙 Not available 🛛 — Not applicable





#### Rear Impact

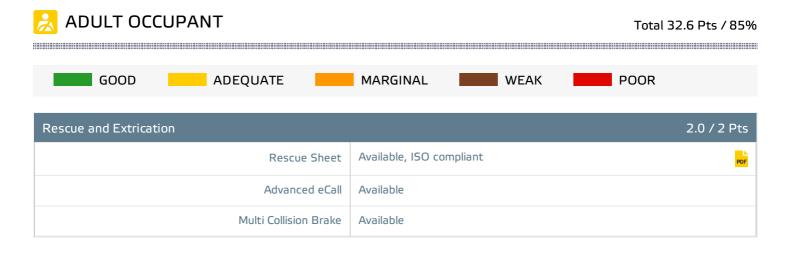


Rear Seat



Front Seat

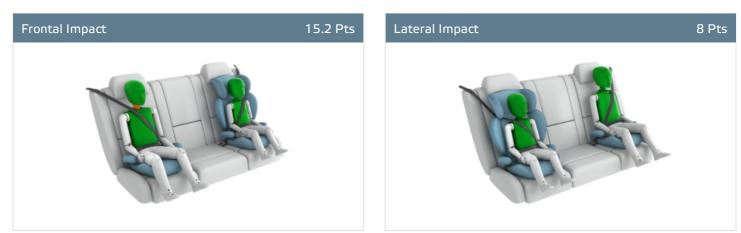




#### Comments

The passenger compartment of the Toyota Corolla Cross remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. Toyota demonstrated that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. Dummy readings of compression indicated weak protection of the chest of the driver. Analysis of the deceleration of the impact trolley during the test, and analysis of the deformable barrier after the test, revealed that the car would be a moderately benign impact partner in a frontal collision. In the full-width rigid barrier test, protection of all critical body regions was good or adequate for both the driver and rear passenger. In both the side barrier impact and the more severe side pole test, protection of all critical body areas was good and the smart 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 marginal. The Corolla Cross has a counter-measure to mitigate against occupant to occupant injuries in such impacts. Dummy results indicated good protection to occupants of different sizes. Tests on the front seats and head restraints demonstrated good whiplash protection. The Corolla Cross has an advanced eCall system which alerts the emergency services in the event of a crash and a 'Secondary Collision Brake' system which automatically applies the brakes to prevent secondary collisions.





Restraint for 6 year old child: TOYOTA KIDFIX i-SIZE Restraint for 10 year old child: TOYOTA MAXI PLUS

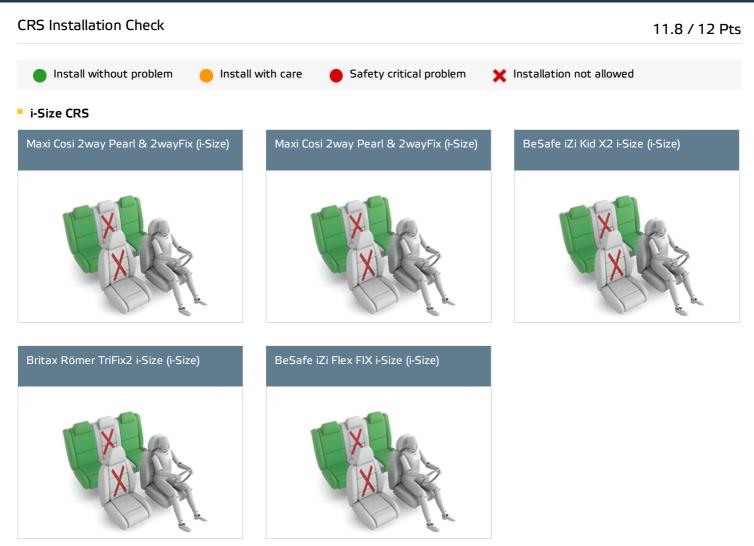
#### Safety Features

#### 6.0 / 13 Pts

	Passenger	2nd row outboard	2nd row center
Isofix	×	•	×
i-Size	×	•	×
Integrated CRS	×	×	×







ISOFIX CRS





# 🔄 CHILD OCCUPANT

Total 40.9 Pts / 83%

#### Universal Belted CRS



#### Cybex Solution Z i-Fix (Belt)



Maxi Cosi Cabriofix & EasyFix (Belt)









Total 40.9 Pts / 83%

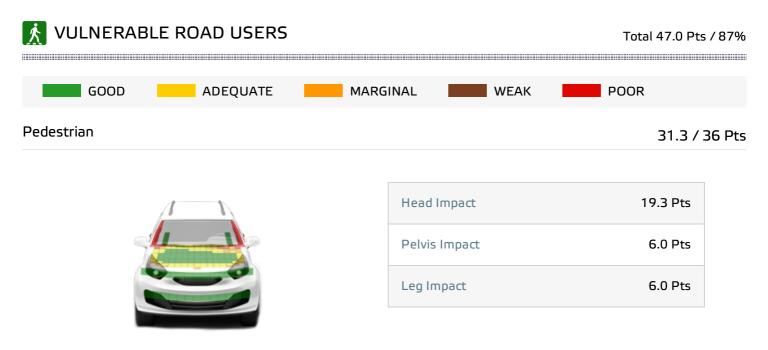
		Seat Position			
	Front	Front 2nd row			
	PASSENGER	LEFT	CENTER	RIGHT	
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	_		_	•	
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	_				
BeSafe iZi Kid X2 i-Size (i-Size)	_		_		
Britax Römer TriFix2 i-Size (i-Size)			—		
BeSafe iZ Flex FlXi-Size (i-Size)			—		
BeSafe iZi Combi X4 ISOfix (ISOFIX)			—		
Cybex Solution Z i-Fix (ISOFIX)			—		
Maxi Cosi Cabriofix (Belt)			•		
Maxi Cosi Cabriofix & EasyFix (Belt)			•		
Britax Römer King II LS (Belt)			•		
Cybex Solution Z i-Fix (Belt)					

Not available

#### Comments

Apart from the neck of the 10 year dummy in the frontal offset test, protection of which was marginal, the car provided good protection of all critical body regions of both dummies in dynamic crash tests. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. With the exception of one universal restraint in the rear centre seat, all of the child restraint types for which the Corolla Cross is designed could be properly installed and accommodated.





#### Vulnerable Road Users

#### 15.7 / 18 Pts

System Name	Pre-Collision System
Туре	Auto-Brake with Forward Collision Warning
Operational From	10 km/h



# K VULNERABLE ROAD USERS

Total 47.0 Pts / 87%

# AEB Pedestrian 7.0 / 9 Pts

#### Day time

Vehicle reversing into standing pedestrian



Adult crossing the road



Adult along the roadside

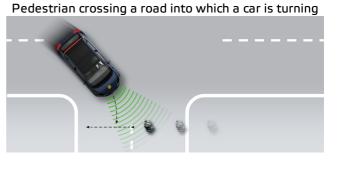


#### Night time



Adult along the roadside





Child running from behind parked vehicles





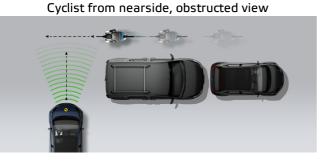
# K VULNERABLE ROAD USERS

Total 47.0 Pts / 87%

8.7 / 9 Pts

# AEB Cyclist

Approaching a crossing cyclist



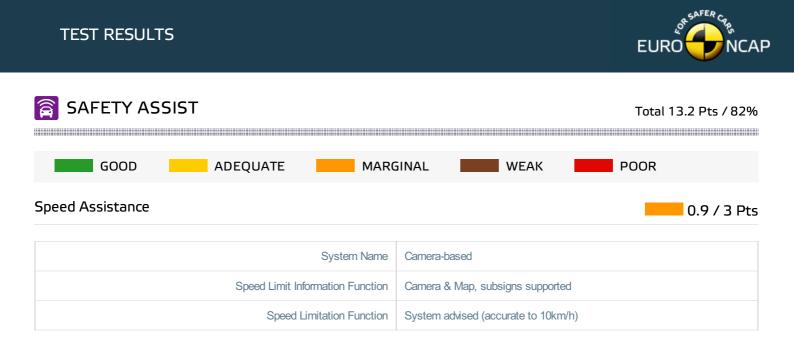
Cyclist along the roadside



#### Comments

Protection of the head of a struck pedestrian was almost completely good or adequate. The bumper offered good protection to pedestrians' legs at all test locations and protection of the pelvis was also good, scoring maximum points. The autonomous emergency braking (AEB) system of the Toyota can respond to vulnerable road users as well as to other vehicles. The system performed well in tests of its response to pedestrians and cyclists, with collisions avoided in most test scenarios.

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# Occupant Status Monitoring Seatbelt Reminder

Front and rear seats				
Driver Se	at	Front Passenger(s)	Rear Passenger(s)	
		•		
•		•	•	
_		•		
			1.0 / 1 Pts	
System Name	e Sway Warning System			
Туре	Steering input, lane position			
Operational From 50 km/h				
	System Name Type	Type Steering in	Driver Seat     Front Passenger(s)       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●	

3.0 / 3 Pts

2.0 / 2 Pts



# SAFETY ASSIST

Total 13.2 Pts / 82%

ort	3.5 / 4 Pts
System Name	Lane Trace Assist (LTA)
Туре І	LKA and ELK
Operational From	0 km/h
ANCE	
Emergency Lane Keeping	GOOD
Lane Keep Assist	GOOD
Human Machine Interface	GOOD
Type I Operational From C ANCE Emergency Lane Keeping Lane Keep Assist	LKA and ELK 0 km/h GOOD GOOD GOOD

#### AEB Car-to-Car

5.8 / 6 Pts

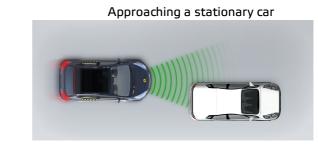
System Name	Pre-Collision System
Туре	Autonomous emergency braking and forward collision warning
Operational From	5 km/h
Sensor Used	camera and radar





Total 13.2 Pts / 82%

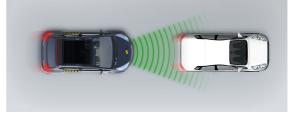
Autobrake function only



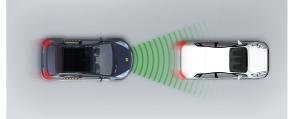
Approaching a stationary car

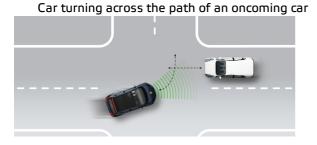


Approaching a slower moving car



Approaching a braking car

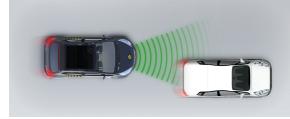




Approaching a stationary car



Approaching a slower moving car



Approaching a slower moving car

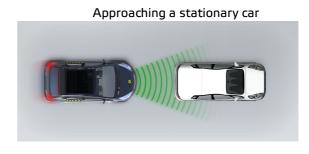




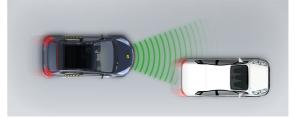
Total 13.2 Pts / 82%

# SAFETY ASSIST

Driver reacts to warning

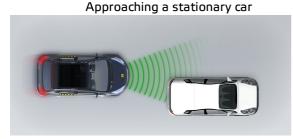


Approaching a slower moving car



Approaching a slower moving car

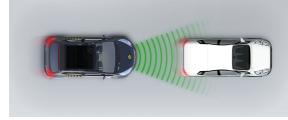




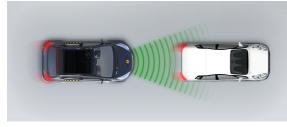
Approaching a stationary car



Approaching a slower moving car



Approaching a braking car





# 🛜 SAFETY ASSIST

Total 13.2 Pts / 82%

#### Comments

The autonomous emergency braking (AEB) system of the Corolla Cross performed well in tests of its reaction to other vehicles. A seatbelt reminder system is fitted as standard to the front and rear seats and the car is equipped with a system to detect driver fatigue. 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. A speed assistance system detects the local speed limit and the driver can choose to set the limiter or let the system do so automatically.



### RATING VALIDITY

## Variants of Model Range

Body Type	Engine	Drivetrain	Rating Applies	
			LHD	RHD
5 door SUV	2.0 hybrid	4 x 4	$\checkmark$	~
5 door SUV	2.0 hybrid	4 x 2 *	$\checkmark$	~
5 door SUV	1.8 hybrid	4 x 2	$\checkmark$	~

\* Tested variant

#### Annual Reviews and Facelifts

Date	Event	Outcome	
October 2022	Rating Published	2022 🚖 🚖 🚖 🚖	~