



Toyota Corolla

Standard Safety Equipment

2019



Adult Occupant



95%

Child Occupant



84%

Vulnerable Road Users



86%

Safety Assist



77%

SPECIFICATION

Tested Model	Toyota Corolla Hatchback 1.8, LHD
Body Type	- 5 door hatchback
Year Of Publication	2019
Kerb Weight	1400kg
VIN From Which Rating Applies	- all Corollas
Class	Small Family Car

SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	●	●	✗
Belt pretensioner	●	●	●
Belt loadlimiter	●	●	●
Knee airbag	●	✗	✗
SIDE CRASH PROTECTION			
Side head airbag	●	●	●
Side chest airbag	●	●	✗
Side pelvis airbag	●	●	✗

SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix	—	✗	●
Integrated CRS	—	✗	✗
Airbag cut-off switch	—	●	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●

OTHER SYSTEMS	
Active Bonnet (Hood)	✗
AEB Pedestrian	●
AEB Cyclist	●
AEB City	●
AEB Inter-Urban	●
Speed Assistance System	●
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 ○ Fitted to the vehicle as part of the safety pack
 ○ Not fitted to the test vehicle but available as option or as part of the safety pack ✗ Not available — Not applicable



ADULT OCCUPANT

Total 36.1 Pts / 95%



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

Frontal Offset Deformable Barrier

7 / 8 Pts



Passenger



Driver

Frontal Full Width

7.6 / 8 Pts



Rear Passenger



Driver

Whiplash Rear Impact

1.6 / 2 Pts



Front seat



Rear seat

Lateral Impact

16 / 16 Pts



Car



Pole



ADULT OCCUPANT

Total 36.1 Pts / 95%



GOOD



ADEQUATE



MARGINAL



WEAK



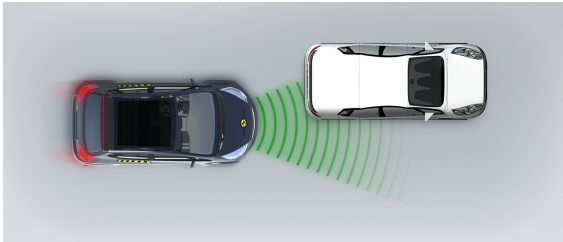
POOR

AEB City

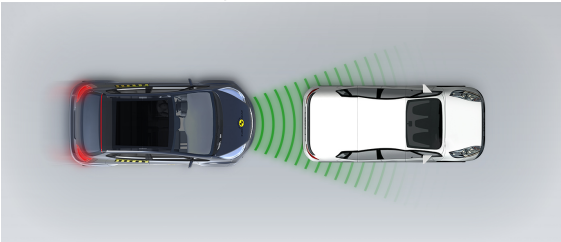


4 / 4 Pts

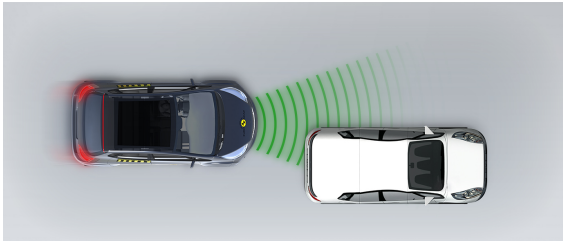
Approaching a stationary car: Left Offset



Approaching a stationary car: No Offset



Approaching a stationary car: Right Offset





ADULT OCCUPANT

Total 36.1 Pts / 95%

Comments

The passenger compartment of the Corolla remained stable in the frontal offset test. There was insufficient pressure in the driver's airbag to prevent the dummy's head from 'bottoming out' the airbag and contacting the steering wheel through the airbag material. Although dummy readings did not indicate a hazard, the score was penalised and protection rated as adequate. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Toyota showed that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. In the full-width rigid barrier test, protection of both dummies was good or adequate for all critical parts of the body. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The standard-fit autonomous emergency braking system, part of Toyota Safety Sense, performed well in tests of its functionality at the low speeds, typical of city driving, at which many whiplash injuries occur.

 CHILD OCCUPANT

Total 41.6 Pts / 84%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

23.6 / 24 Pts

Frontal Impact

15.6 Pts



Lateral Impact

8 Pts

Restraint for 6 year old child: *Britax Römer KIDFIX XT SICT*Restraint for 10 year old child: *Booster Cushion*

Safety Features

6 / 13 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	✗	●	✗
i-Size	✗	●	✗
Integrated CRS	✗	✗	✗

● Fitted to test car as standard
 ○ Not on test car but available as option
 ✗ Not available

CRS Installation Check

12 / 12 Pts

● Install without problem
 ● Install with care
 ● Safety critical problem
 ✗ Installation not allowed

■ i-Size CRS

Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)



Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)



BeSafe iZi Kid X2 i-Size (iSize)



BeSafe iZi Flex FIX i-Size (iSize)



■ ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)





CHILD OCCUPANT

Total 41.6 Pts / 84%

■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



 CHILD OCCUPANT

Total 41.6 Pts / 84%

	Seat Position			
	Front	2nd row		
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	□	●	□	●
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	□	●	□	●
BeSafe iZi Kid X2 i-Size (iSize)	□	●	□	●
BeSafe iZi Flex FIX i-Size (iSize)	□	●	□	●
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	□	●	□	●
BeSafe iZi Kid X4 ISOfix (ISOFIX)	□	✗	□	✗
Britax Römer Duo Plus (ISOFIX)	□	●	□	●
Britax Römer KidFix XP (ISOFIX)	□	●	□	●
Maxi Cosi Cabriofix (Belt)	●	●	●	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	✗	●
Britax Römer King II LS (Belt)	●	●	●	●
Britax Römer KidFix XP (Belt)	●	●	●	●

● Install without problem
 ● Install with care
 ● Safety critical problem
 ✗ Installation not allowed

Comments

In the frontal offset test, protection of the 6 and 10 year dummies was good or adequate for all critical body regions. In the side barrier test, maximum points were scored, with good protection of all critical areas. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All of the restraint types for which the Corolla is designed could be properly installed and accommodated in the car.



VULNERABLE ROAD USERS

Total 41.4 Pts / 86%

 GOOD

 ADEQUATE

 MARGINAL

 WEAK

 POOR

Pedestrian

30.1 / 36 Pts



Head Impact 18.1 Pts

Pelvis Impact 6 Pts

Leg Impact 6 Pts

Vulnerable Road Users

11.3 / 12 Pts

System Name

Pre-Collision System as part of Toyota Safety Sense

Type

Auto-Brake with Forward Collision Warning

Operational From

10 km/h

Comments

The protection offered to the head of a struck pedestrian was good or adequate over most of the bonnet surface, with some poor results only on the stiff windscreen pillars. Good protection was provided by the bumper to pedestrians' legs, with good results recorded at all test locations. Similarly, maximum points were scored for protection of the pelvis. The AEB system can detect vulnerable road users as well as other vehicles. It performed well in tests of its detection of both pedestrians and cyclists.



VULNERABLE ROAD USERS

Total 41.4 Pts / 86%

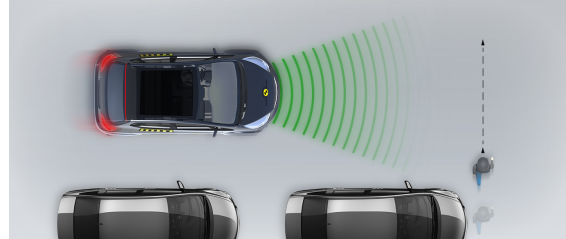
AEB Pedestrian

■ Day time

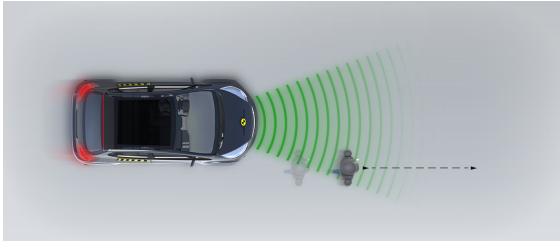
Adult crossing the road



Child running from behind parked vehicles



Adult along the roadside

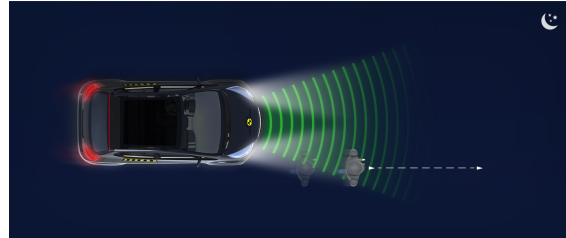


■ Night time

Adult crossing the road

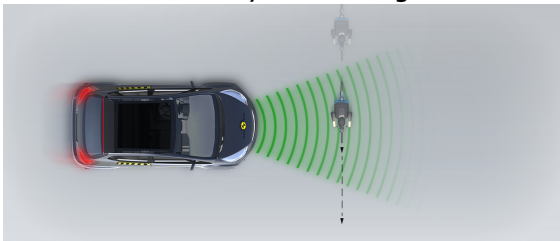


Adult along the roadside

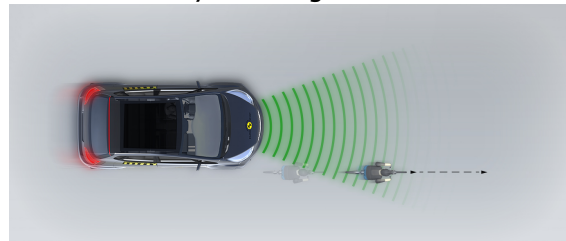


AEB Cyclist

Cyclist crossing



Cyclist along the roadside





SAFETY ASSIST

Total 10.1 Pts / 77%

GOOD

ADEQUATE

MARGINAL

WEAK

POOR

Speed Assistance

2.4 / 3 Pts

System Name	Dynamic Radar Cruise Control with Road Sign Assist as part of Toyota Safety Sense
Speed Limit Information Function	Camera based
Speed Limitation Function	System advised (accurate to 5km/h)

Seat Belt Reminder

3 / 3 Pts

Applies To	All seats		
Warning	Driver Seat	front passenger(s)	rear passenger(s)
Visual			
Audible			
Occupant detection	—		

Pass
 Fail
 — Not available

Lane Support

2.3 / 4 Pts

System Name	Lane Departure Alert with Steering Control as part of Toyota Safety Sense
Type	LKA (including LDW)
Operational From	50 km/h
PERFORMANCE	
Lane Keep Assist	GOOD
Human Machine Interface	ADEQUATE



SAFETY ASSIST

Total 10.1 Pts / 77%

AEB Inter-Urban

2.4 / 3 Pts

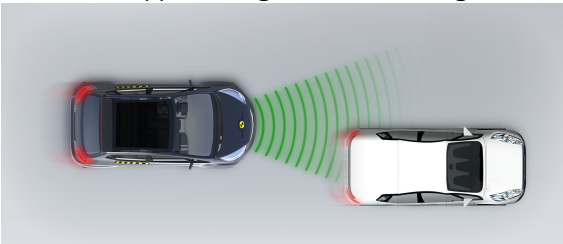
System Name	Pre-Collision System as part of Toyota Safety Sense
Type	Autonomous Emergency Braking and Forward Collision Warning
Operational From	10 km/h

Comments

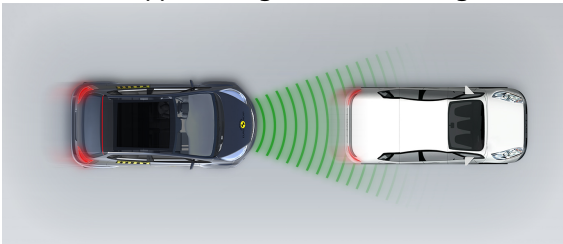
The Corolla has a seatbelt reminder for the front and rear seats. The AEB system performed well in tests of its reaction to other vehicles at highway speeds. The Corolla uses a camera to determine the local speed limit. The driver can then choose to let the car automatically limit the speed of the vehicle accordingly. A lane support system helps to prevent inadvertent drifting out of lane but does not intervene in more critical situations, as do the systems of some other vehicles.

■ Autobrake function only

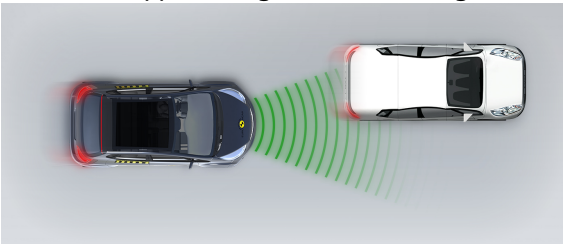
Approaching a slower moving car



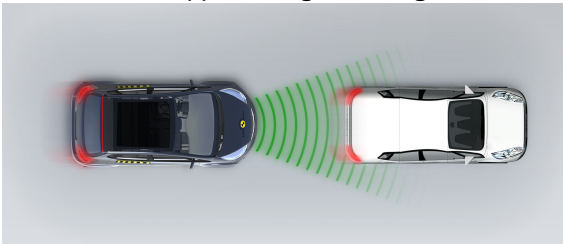
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car



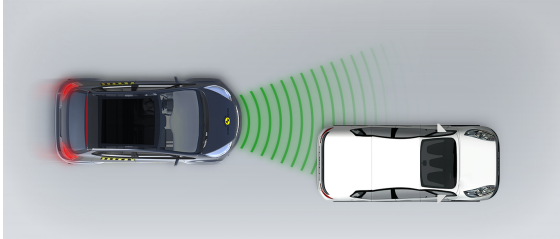


SAFETY ASSIST

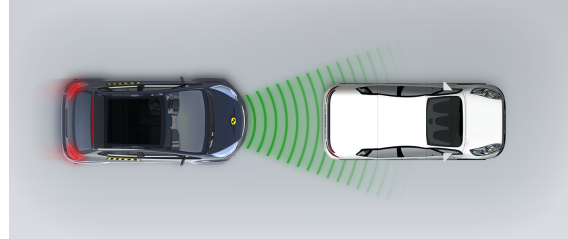
Total 10.1 Pts / 77%

■ Driver reacts to warning

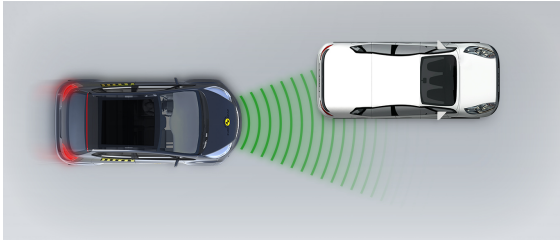
Approaching a stationary car



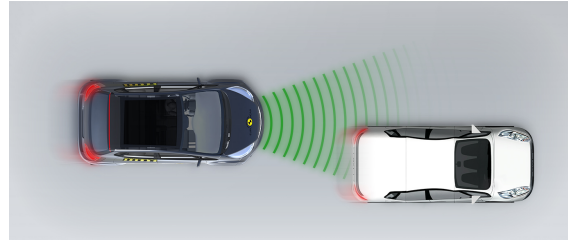
Approaching a stationary car



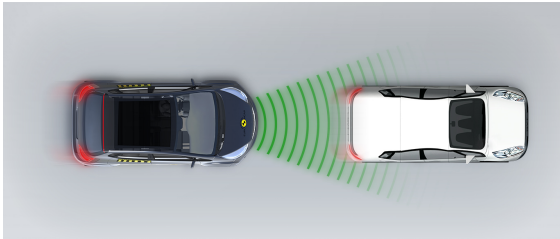
Approaching a stationary car



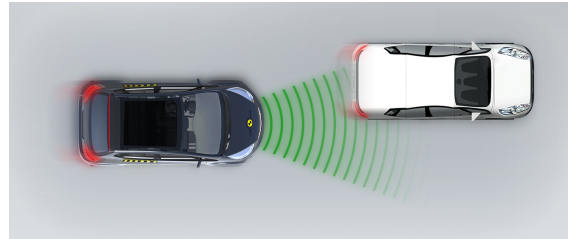
Approaching a slower moving car



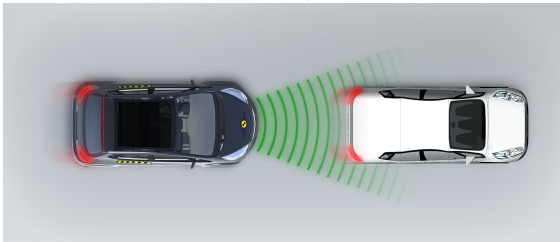
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car



RATING VALIDITY

Variants of Model Range

Body Type	Engine & Transmission	Drivetrain	Rating Applies	
			LHD	RHD
5 door hatchback	1.8 hybrid*	4 x 2	✓	✓
5 door hatchback	2.0 hybrid	4 x 2	✓	✓
5 door hatchback	1.2T petrol	4 x 2	✓	✓
5 door estate	1.8 hybrid	4 x 2	✓	✓
5 door estate	2.0 hybrid	4 x 2	✓	✓
5 door estate	1.2T petrol	4 x 2	✓	✓
4 door saloon	1.8 hybrid	4 x 2	✓	✓
4 door saloon	1.6 petrol	4 x 2	✓	✓

* Tested variant

Annual Reviews and Facelifts

Date	Event	Outcome	
May 2019	Rating Published	2019 ★ ★ ★ ★ ★	✓