TOYOTA FORTUNER

OCTOBER 2019 - ONWARDS
ALL VARIANTS

ANCAP SAFETY

TESTED 2019 ★★★★★

95%
ADULT OCCUPANT PROTECTION

84%
CHILD OCCUPANT PROTECTION

88%
VULNERABLE ROAD USER PROTECTION

78%
SAFETY ASSIST

TOYOTA FORTUNER

OVERVIEW

The Toyota Fortuner was introduced in Australia and New Zealand in 2015. The ANCAP safety rating for the Fortuner is based on crash tests of the Toyota Hilux. ANCAP was provided with technical information which showed that the crash test results of the Hilux utility apply to the Fortuner SUV. This ANCAP safety rating applies to updated Fortuner models built from August 2019 and on sale from October 2019 (all variants).

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

Autonomous emergency braking (City, Interurban and Vulnerable Road User) as well as lane keep assist (LKA) with lane departure warning (LDW) and an advanced speed assistance system (SAS) are fitted as standard equipment on all variants.

ANCAP SAFETY RATING	★★★★★
RATING YEAR (DATESTAMP)	2019
VEHICLE TYPE	Large SUV
AIRBAGS	Dual frontal, side chest, side head & driver knee

RATING APPLICABILITY

VARIANT	BODY TYPE	ENGINE	DRIVETRAIN	AUS	NZ
Toyota Fortuner GX	5 door SUV	2.8 litre diesel	4x4	✓	-
Toyota Fortuner GXL	5 door SUV	2.8 litre diesel	4x4	✓	✓
Toyota Fortuner Crusade	5 door SUV	2.8 litre diesel	4x4	✓	-
Toyota Fortuner Limited	5 door SUV	2.8 litre diesel	4x4	-	✓

✓ COVERED BY THIS RATING ✕ NOT COVERED BY THIS RATING ◆ TESTED VARIANT

ADULT OCCUPANT PROTECTION

95%

36.32 POINTS
OUT OF 38

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

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

In both the side impact and the oblique pole tests, protection of all critical body areas for the driver was GOOD and the Toyota Fortuner scored maximum points in these tests.

The autonomous emergency braking system (AEB) showed GOOD performance at low speeds typical of city driving, with collisions avoided in all test scenarios.

FRONTAL OFFSET#	7.36	(out of 8)
FULL WIDTH FRONTAL#	7.50	(out of 8)
SIDE IMPACT#	8.00	(out of 8)
OBLIQUE POLE#	8.00	(out of 8)
WHIPLASH PROTECTION	1.46	(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:	3.44 points
Upper legs:	4.00 points
Lower legs:	3.27 points
Deductions:	Nil

Front Passenger

Head / neck:	4.00 points
Chest:	4.00 points
Upper legs:	4.00 points
Lower legs:	3.64 points
Deductions:	Nil

FULL WIDTH FRONTAL TEST (50 KM/H)

Driver

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

Rear Passenger

Head:	4.00 points
Neck:	3.29 points
Chest:	2.70 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

OBLIQUE POLE TEST (32 KM/H)

Driver

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

WHIPLASH (REAR IMPACT) PROTECTION TEST

Rear Passenger

Rear:	0.16 points
Front:	1.31 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

84%

41.47 POINTS
OUT OF 49

In the frontal offset test, protection of the head and neck was MARGINAL for the 6 year dummy and GOOD for the 10 year DUMMY. Protection offered to all other critical body regions was GOOD for both the 6 year and 10 year dummies.

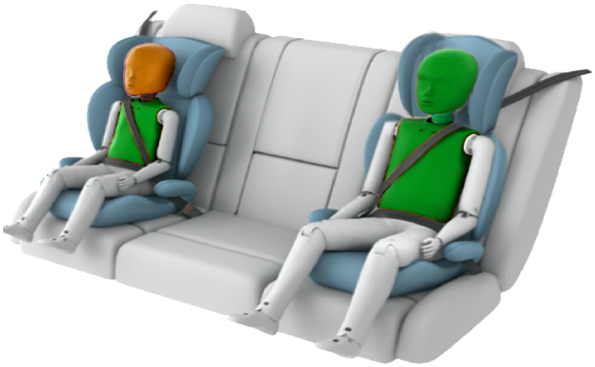
In the side impact test, protection was GOOD for both dummies and maximum points were scored.

The Toyota Fortuner is fitted with lower ISOFix anchorages on the second row outboard seats and top tether anchorages for all second row seating positions. Top tethers are not available in the third row. Installation of child restraints in the third row is therefore not recommended.

Installation of typical child restraints available in Australia and New Zealand showed that most of the selected child restraints could be accommodated in each of the second row seating positions though one of the selected booster seats could not be correctly installed in the centre rear seating position.

DYNAMIC TEST (FRONT)	12.64	(out of 16)
DYNAMIC TEST (SIDE)	8.00	(out of 8)
RESTRAINT INSTALLATION	11.81	(out of 12)
ON-BOARD SAFETY FEATURES	9.00	(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 of the safety of Australasian child restraints - see www.childcarseats.com.au.

GOOD ADEQUATE MARGINAL WEAK POOR

CHILD OCCUPANT PROTECTION

84%

41.47 POINTS
OUT OF 49

CHILD RESTRAINT INSTALLATION

	CHILD RESTRAINT (CRS) TYPE^		FRONT ROW	2nd ROW			3rd ROW		
			PASSENGER	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	✕	●	●	●	✕	–	✕
	TYPE F	Booster - 4 to 10 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)	✕	●	–	●	✕	–	✕

* 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

88%

42.27 POINTS
OUT OF 48

The bonnet of the Toyota Fortuner provided GOOD or ADEQUATE protection to the head of a struck pedestrian over most of its surface, with POOR results recorded only on the stiff windscreen pillars and front edge of the bonnet surface. The bumper provided GOOD protection to pedestrians' legs and protection of the pelvis was also GOOD.

The autonomous emergency braking (AEB) system is capable of detecting and reacting to vulnerable road users including pedestrians and cyclists. The AEB system offered GOOD performance in tests of its effectiveness in pedestrian test scenarios under both daylight and night-time conditions.

GOOD performance was also seen in cyclist test scenarios with collisions avoided or mitigated at most test speeds.

HEAD IMPACTS	18.89	(out of 24)
UPPER LEG IMPACTS	6.00	(out of 6)
LOWER LEG IMPACTS	6.00	(out of 6)
AEB - Pedestrian	6.00	(out of 6)
AEB - Cyclist	5.38	(out of 6)

PEDESTRIAN IMPACT TEST (40 KM/H)

AUTONOMOUS EMERGENCY BRAKING (PEDESTRIAN & CYCLIST)

SYSTEM NAME: Toyota Safety Sense
TYPE: Autonomous emergency braking with forward collision warning
OPERATIONAL FROM: 10-80 km/h
DESCRIPTION: Defaults ON for every journey. System functions in both day and night.

	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	
TEST SCENARIO																
PERFORMANCE	–						–									
	GOOD												GOOD			

GOOD ADEQUATE MARGINAL WEAK POOR

SAFETY ASSIST

78%

10.15 POINTS
OUT OF 13

The Toyota Fortuner is fitted with autonomous emergency braking (AEB) and a lane support system (LSS) with lane keep assist (LKA) and lane departure warning (LDW) as standard.

Tests of the AEB system showed GOOD performance at highway speeds with collisions avoided or mitigated in most test scenarios.

Tests of the LSS functionality showed some GOOD performance, however the system does not intervene in more critical emergency lane keeping scenarios and overall performance was classified as ADEQUATE.

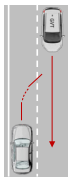
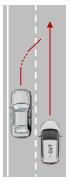
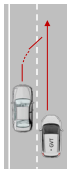
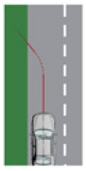
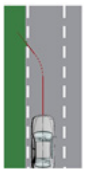
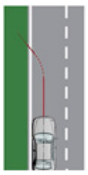
A standard-fit speed assistance system (SAS) is also provided which identifies the local speed limit and allows the driver to set the speed accordingly.

A seatbelt reminder system with occupancy detection is fitted to all seating positions.

SPEED ASSISTANCE SYSTEMS	2.45	(out of 3)
SEAT BELT REMINDERS	3.00	(out of 3)
LANE SUPPORT SYSTEMS	2.25	(out of 4)
AEB - Interurban	2.45	(out of 3)

LANE SUPPORT SYSTEMS (LSS)

SYSTEM NAME: Toyota Safety Sense
OPERATIONAL FROM: 50-180 km/h

EMERGENCY LANE KEEPING (ELK)								
	Oncoming vehicle	Overtaking vehicle (GVT at 72 km/h)		Overtaking vehicle (GVT at 80 km/h)		Road edge		
		UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL			
TEST SCENARIO								
PERFORMANCE	–	–	–	–	–	–	–	–
[NOT TESTED]								

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

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

GOOD ADEQUATE MARGINAL WEAK POOR

SAFETY ASSIST

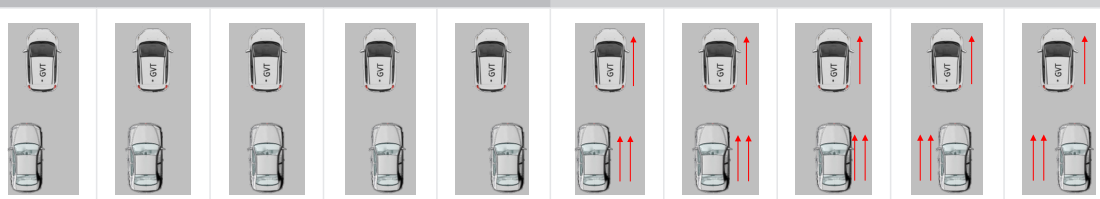
78%

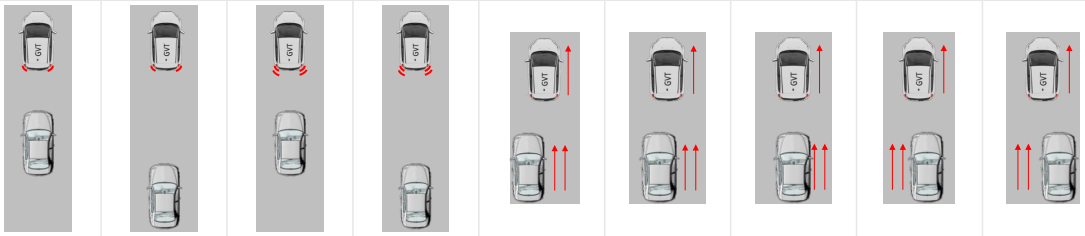
10.15 POINTS
OUT OF 13

AUTONOMOUS EMERGENCY BRAKING (INTERURBAN)

SYSTEM NAME: Toyota Safety Sense
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				
	Toward car braking lightly		Toward car braking heavily		Driving towards a slower moving car
TEST SCENARIO	12m HEADWAY	40m HEADWAY	12m HEADWAY	40m HEADWAY	
					
PERFORMANCE	GOOD				

SPEED ASSISTANCE SYSTEMS (SAS)

SYSTEM NAME: Toyota Safety Sense

SAS FEATURE	DESCRIPTION
Speed Limit Information Function (SLIF)	Camera
Speed Limitation Function	System advised

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.

● 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	Toyota Hilux RHD
TESTED VEHICLE(S) BUILT	2019
TESTED BODY TYPE	Dual cab utility
TESTED VEHICLE ENGINE	2.7 litre petrol / 2.8 litre diesel
RATING PUBLISHED	October 2019
RATING UPDATED	n/a