










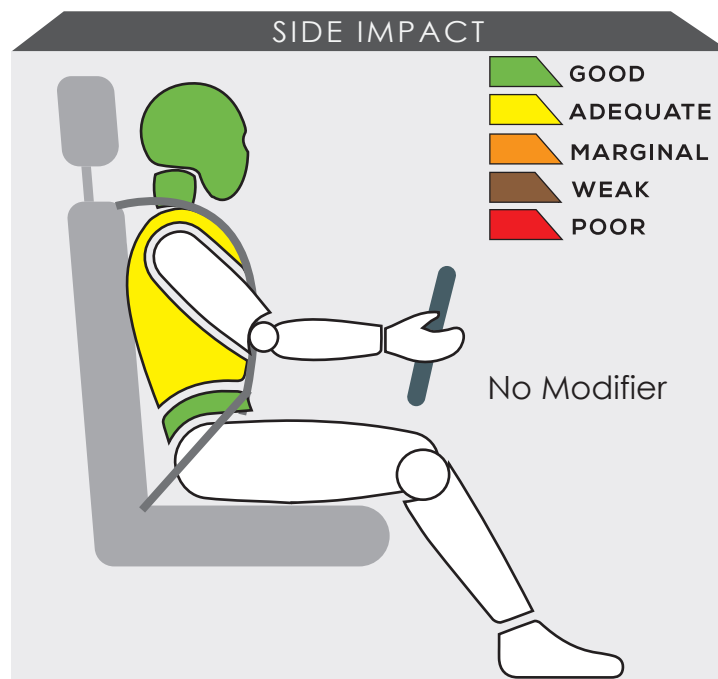
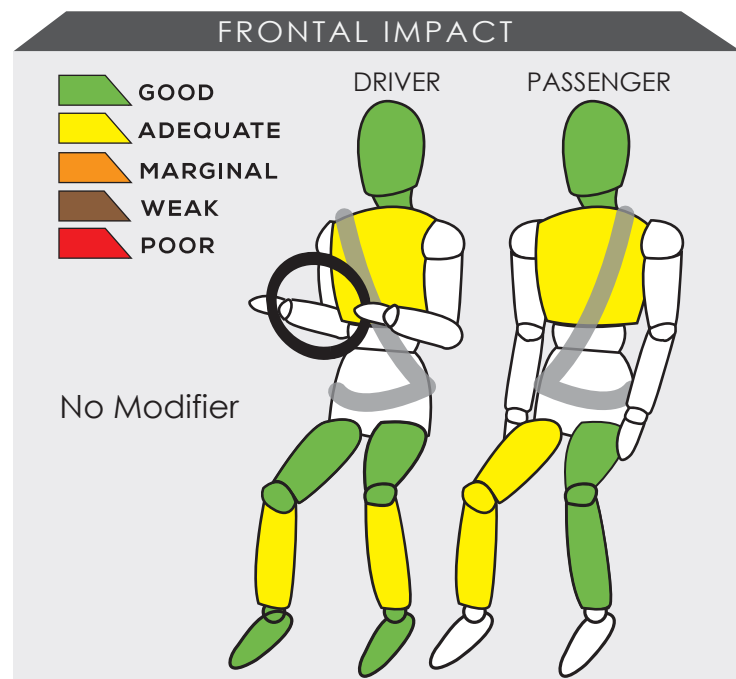
TOYOTA COROLLA ALTIS (2019)



 Variant 1.6G	 Year Built 2019
 Model Year 2019	 Vehicle Category SEDAN
 Engine Capacity 1.6 L	 Kerb Mass 1340 kg
 No. of Airbags 7	 Test Lab 

TESTED VARIANT ORIGIN	THAILAND	FOR	THAILAND
OTHER ASEAN PRODUCTION (ALL VARIANTS)	THAILAND	FOR	THAILAND, SINGAPORE, INDONESIA, BRUNEI, MALAYSIA, PHILIPPINES, LAOS, CAMBODIA, MYANMAR











ADULT OCCUPANT PROTECTION	FRONTAL IMPACT 13.80	SIDE IMPACT 15.91	HEAD PROTECTION TECHNOLOGY 4.00	TOTAL 33.71
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Data from the frontal offset test showed the vehicle provided adequate protection to both the dummies' chests and lower legs. Nevertheless, the vehicle's passenger compartment remained stable in the test.

Result from the side impact test showed the dummy received adequate protection to the chest.

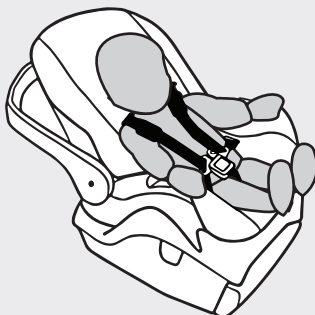

SAFETY ITEMS (PASSIVE)

ITEMS		COUNTRIES									
											
Airbags	Driver	S	S	S	S	S	S	S	S	S	NS
	Passenger	S	S	S	S	S	S	S	S	S	NS
	Side (2)	S	S	S	S	S	S	S	S	S	NS
	Curtain (2)	S	S	S	S	S	S	S	S	S	NS
	Knee (1)	S	S	S	S	S	S	S	S	S	NS
Seatbelts	Retractor Pre-tensioner & Load Limiter for Driver	S	S	S	S	S	S	S	S	S	NS
	Retractor Pre-tensioner & Load Limiter for Passenger	S	S	S	S	S	S	S	S	S	NS

S : Standard on all variants, O : Optional on base; Standard on higher variants, X : Not available, TBA : To be advised, NS : Not sold

CHILD OCCUPANT PROTECTION	DYNAMIC TEST	VEHICLE BASED	INSTALLATION	TOTAL
	24.00	9.00	10.80	43.80



DYNAMIC TEST ASSESSMENT			
18-MONTH-OLD CHILD		3-YEAR-OLD CHILD	
Restraint	: Joyson MIDI I-SIZE	Restraint	: Joyson MIDI I-SIZE
Facing	: Rearward Facing	Facing	: Rearward Facing
Installation	: ISOFIX & Supportleg	Installation	: ISOFIX & Supportleg
			
Frontal Impact	: 8.00	Frontal Impact	: 8.00
Side Impact	: 4.00	Side Impact	: 4.00
Total Performance	: 12.00	Total Performance	: 12.00


CRS INSTALLATION ASSESSMENT

CRS	DIRECTION	SEAT POSITION						
		FRONT	2ND ROW			3RD ROW		
		PASSENGER	LEFT	CENTRE	RIGHT	LEFT	CENTRE	RIGHT
Maxi Cosi Cabriofix	Rwd	EXEMPT	PASS	PASS	PASS	N/A	N/A	N/A
Combi Malgot	Rwd	EXEMPT	PASS	FAIL	PASS	N/A	N/A	N/A
Combi Malgot	Fwd	PASS	PASS	FAIL	PASS	N/A	N/A	N/A
Combi Buon Junior Air	Fwd	PASS	PASS	FAIL	PASS	N/A	N/A	N/A
Britax Baby Safe Plus ISOFIX Base	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Maxi Cosi Milofix	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Maxi Cosi Milofix	Fwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Britax Duo Plus	Fwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Britax KidFix XP	Fwd	PASS	PASS	FAIL	PASS	N/A	N/A	N/A
Joyson Safety Systems MIDI I-SIZE*	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Joyson Safety Systems MIDI I-SIZE*	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A

PASS : Install without problem, FAIL : Safety critical problem, EXEMPT : Installation not allowed, N/A : Not available

*Manufacturer's selection

SAFETY ASSIST	EFFECTIVE BRAKING & AVOIDANCE 8.00	SEATBELT REMINDERS 3.17	BLIND SPOT TECHNOLOGY 0.72	ADVANCED SATs 2.00	TOTAL 13.89
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COUNTRIES										
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Effective Braking & Avoidance

ABS	O	O	O	O	O	O	O	O	O	NS
ESC	O	O	O	O	O	O	O	O	O	NS

Seatbelt Reminders

Driver	O	O	O	O	O	O	O	O	O	NS
Front Passengers	O	O	O	O	O	O	O	O	O	NS
Rear Passengers	X	X	X	X	X	O	X	X	X	NS

Blind Spot Technology

Nearside	O	O	X	X	O	X	X	O	O	NS
Offside	O	O	X	X	O	X	X	O	O	NS

Advanced Safety Assist Technologies

AEB City	O	O	O	O	O	O	O	O	O	NS
AEB Inter-Urban	O	O	O	O	O	O	O	O	O	NS
AEB VRU	X	X	X	X	X	X	X	X	X	NS
Lane Departure Warning System	O	O	O	O	O	O	O	O	O	NS
Forward Collision Warning System	O	O	O	O	O	O	O	O	O	NS
Lane Keep Assist	O	O	O	O	O	O	O	O	O	NS

O : Available, X : Not available, TBA : To be advised, NS : Not sold

OVERALL RATING

This is the second assessment conducted by ASEAN NCAP on the model Toyota Corolla Altis. The first assessment was performed in 2014. The new Toyota Corolla Altis performed very well in the test under the three assessed domains. The car obtained 46.82 points in the AOP category, 22.35 points for the COP and 19.29 points for the SATs category. The sedan is equipped with seven airbags, Seatbelt Reminders for frontal occupants and ESC as standard across all its variants sold in the South East Asia market. Nevertheless, the Myanmar market also has SBR for the rear occupant seats as standard. The model offers all the SATs that were being assessed by ASEAN NCAP either as standard or optional fitment. Only the AEB for Pedestrian or VRU is not offered in the model. Based on the assessment total score of 88.46 points, the new Toyota Corolla Altis is eligible for 5-Star ASEAN NCAP rating.

	AOP			COP			SAFETY ASSIST			2017 - 2020 ASEAN NCAP RATING
	Item	Point	Max	Item	Point	Max	Item	Point	Max	
	ODB	13.80	16.00	FRONTAL	16.00	16.00	EBA	8.00	8.00	5
	SIDE	15.91	16.00	SIDE	8.00	8.00	SBR	3.17	6.00	
	HPT Evaluation	4.00	4.00	Installation	10.80	12.00	BST	0.72	2.00	
				Vehicle Based	9.00	13.00	Advanced SATs	2.00	2.00	
Score		33.71	36.00		43.80	49.00		13.89	18.00	OVERALL SCORE 88.46
Normalized Score		0.94			0.89			0.77		
Weighting		50%			25%			25%		
Weighted Score		46.82			22.35			19.29		
Maximum Star Rating		5			5			5		

BLIND SPOT TECHNOLOGY ASSESSMENT



ASEAN NCAP has introduced Blind Spot Technology (BST) in its new 2017-2020 protocol. In the protocol, ASEAN NCAP assessed the functionality of each BST introduced in the car. The BST is available in the new Toyota Corolla Altis as optional fitment in the Brunei, Indonesia, Malaysia, Singapore and Thailand markets. In this assessment, ASEAN NCAP confirms that the technology has functioned according to ASEAN NCAP requirements on both the left and right side area of the vehicle.

