

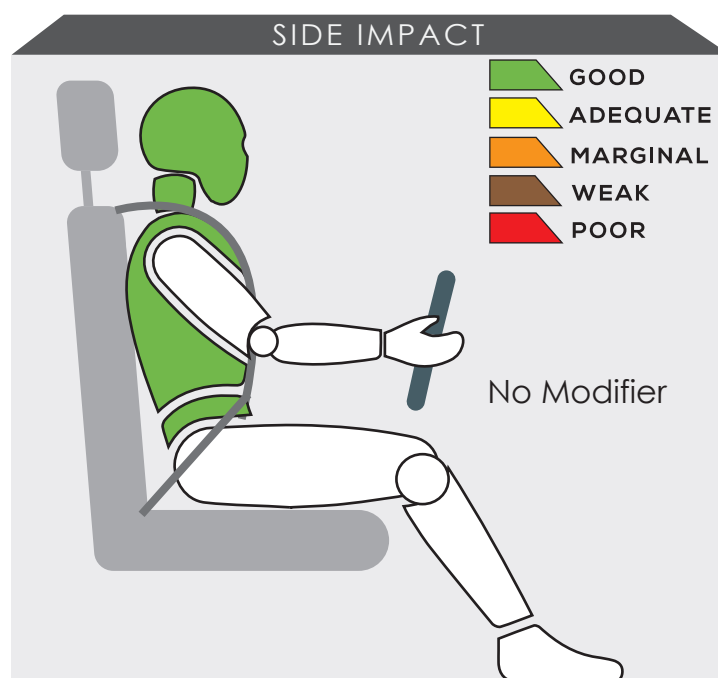
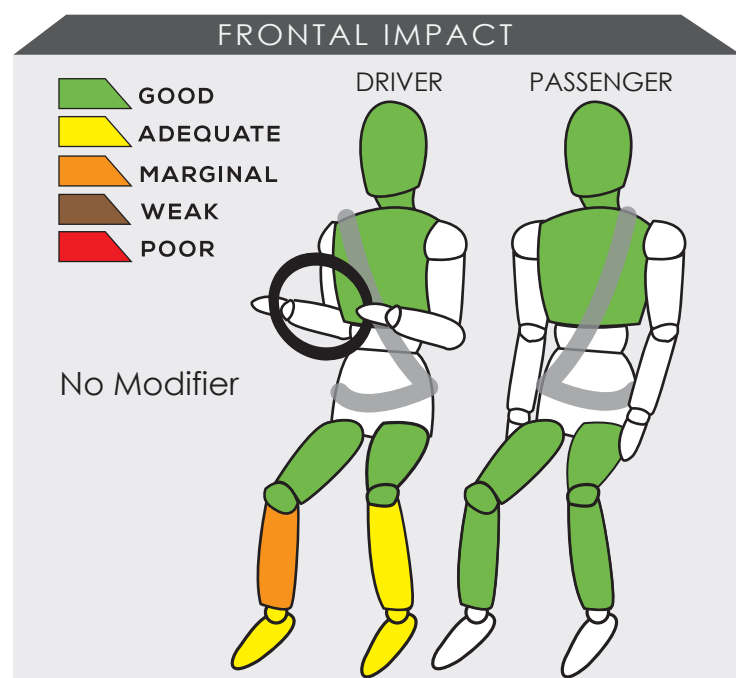
TOYOTA HILUX (2020)



 Variant 2.8D	 Year Built 2020
 Model Year 2020	 Vehicle Category PICKUP
 Engine Capacity 2.8 L	 Kerb Mass 2080 kg
 No. of Airbags 3	 Test Lab 

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

ADULT OCCUPANT PROTECTION	FRONTAL IMPACT	SIDE IMPACT	HEAD PROTECTION TECHNOLOGY	TOTAL
	14.53	16.00	2.40	32.93



The data obtained from the frontal offset test showed that the vehicle provided good protection to both of the adult occupants. Nevertheless, the driver's lower legs showed risk of injury in the test.

The performance of HPT was confirmed with additional deployment test and its score was determined based on Fitment Rating System (FRS).

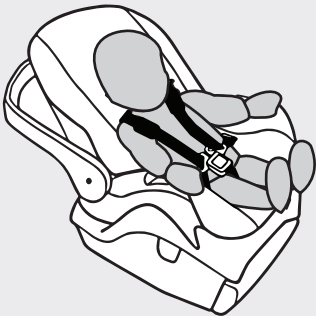
SAFETY ITEMS (PASSIVE)

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

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
	23.60	9.00	11.44	44.04



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	: 7.60	Frontal Impact	: 8.00
Side Impact	: 4.00	Side Impact	: 4.00
Total Performance	: 11.60	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	PASS	PASS	N/A	N/A	N/A
Combi Malgot	Fwd	PASS	PASS	PASS	PASS	N/A	N/A	N/A
Combi Buon Junior Air	Fwd	PASS	FAIL	PASS	FAIL	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 FP	Fwd	PASS	PASS	PASS	PASS	N/A	N/A	N/A
Joyson MIDI I-SIZE (ISOFIX)*	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Joyson MIDI I-SIZE (ISOFIX)*	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 5.20	SEATBELT REMINDERS 3.75	BLIND SPOT TECHNOLOGY 0.00	ADVANCED SATs 2.00	TOTAL 10.95
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COUNTRIES										
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Effective Braking & Avoidance

ABS	O	O	O	O	O	O	O	O	O	O
ESC	O	O	O	O	O	O	O	O	O	O

Seatbelt Reminders

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

Blind Spot Technology

Nearside	X	X	X	X	X	X	X	X	X	X
Offside	X	X	X	X	X	X	X	X	X	X

Advanced Safety Assist Technologies

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

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

OVERALL RATING

This is the second assessment that ASEAN NCAP conducted on the Toyota Hilux. The first was performed in 2015 in which it received 5-Star AOP. Based on the evidence provided by Toyota, ASEAN NCAP found there is no change in the platform structure of the Hilux model tested in 2015 with the current model. Thus, ASEAN NCAP has agreed to extend the Hilux's ODB score for adult occupant to the current assessment. The new Toyota Hilux is fitted with three airbags as standard with standard seven airbags offered in the Brunei and Vietnam markets. ABS is a standard fitment across all variants but ESC is fitted as standard for the market in Brunei, Singapore and Vietnam. The model has SBR as standard for both its frontal occupants whilst other safety assist technologies as listed in the above table are available either as standard or optional in the mentioned markets. In this assessment the new Toyota Hilux had successfully achieved 83.42 points which makes it eligible for 5-Star ASEAN NCAP.

 TOYOTA HILUX TESTED AUGUST 2020 ASEAN NCAP www.aseanncap.org	AOP			COP			SAFETY ASSIST			2017 - 2020 ASEAN NCAP RATING
	Item	Point	Max	Item	Point	Max	Item	Point	Max	
	ODB	14.53	16.00	FRONTAL	15.60	16.00	EBA	5.20	8.00	5
	SIDE	16.00	16.00	SIDE	8.00	8.00	SBR	3.75	6.00	
	HPT Evaluation	2.40	4.00	Installation	11.44	12.00	BST	-	2.00	
				Vehicle Based	9.00	13.00	Advanced SATs	2.00	2.00	
Score		32.93	36.00		44.04	49.00		10.95	18.00	OVERALL SCORE
Normalized Score		0.91			0.90			0.61		
Weighting		50%			25%			25%		
Weighted Score		45.74			22.47			15.21		
Maximum Star Rating		5			5			5		5

