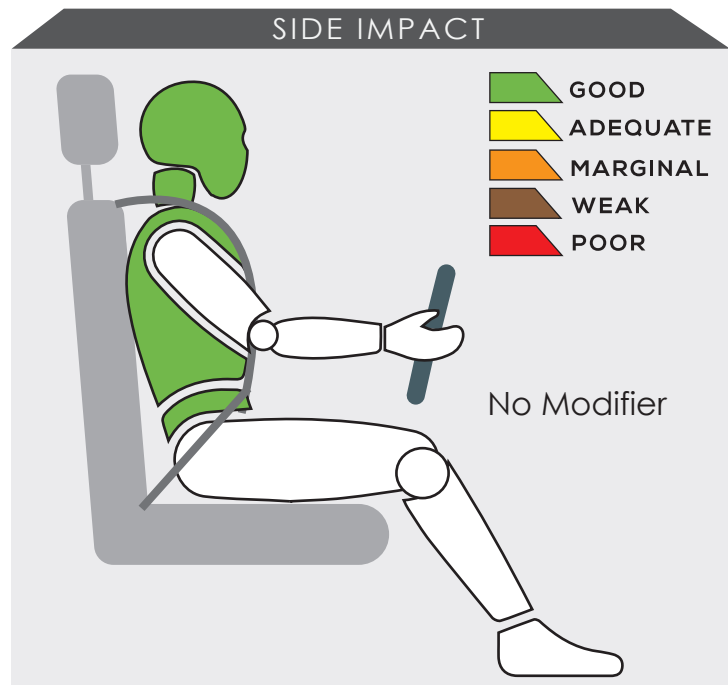
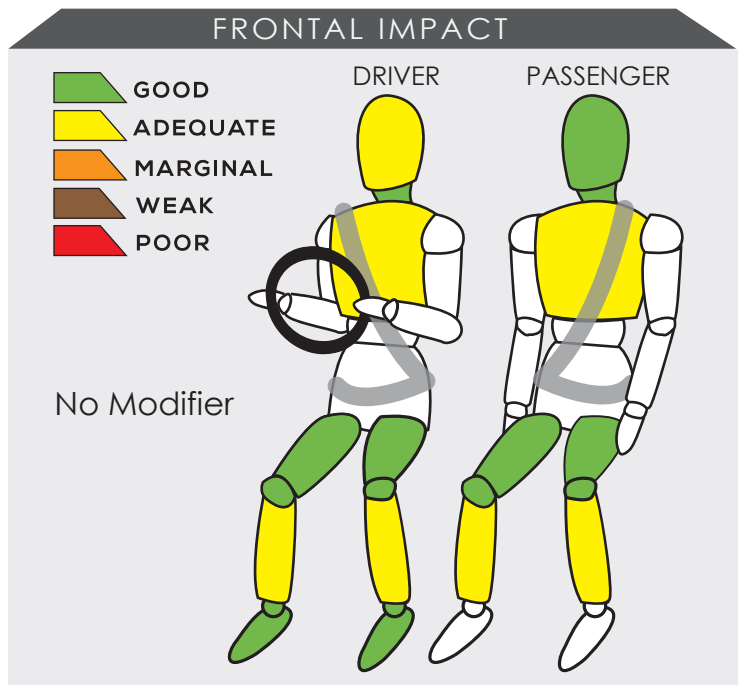


HYUNDAI IONIQ HYBRID



Variant HEV	Year Built 2018
Model Year 2018	Vehicle Category HATCHBACK
Engine Capacity 1.6 L	Kerb Mass 1406 kg
No. of Airbags 7	Test Lab TS Korea Transportation Safety Authority











TESTED VARIANT ORIGIN	KOREA	FOR	SINGAPORE, MALAYSIA
OTHER ASEAN PRODUCTION (ALL VARIANTS)	-	FOR	-



The compartment gave adequate protection to both the driver and front passenger. Nevertheless, the passenger compartment of the vehicle remained stable in the frontal offset 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	NS	NS	NS	NS	S	NS	NS	S	NS	NS	
	Passenger	NS	NS	NS	NS	S	NS	NS	S	NS	NS	
	Side (2)	NS	NS	NS	NS	S	NS	NS	S	NS	NS	
	Curtain (2)	NS	NS	NS	NS	S	NS	NS	S	NS	NS	
	Knee (1)	NS	NS	NS	NS	S	NS	NS	S	NS	NS	
Seatbelts	Retractor Pre-tensioner & Load Limiter for Driver	NS	NS	NS	NS	S	NS	NS	S	NS	NS	
	Retractor Pre-tensioner & Load Limiter for Passenger	NS	NS	NS	NS	S	NS	NS	S	NS	NS	

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

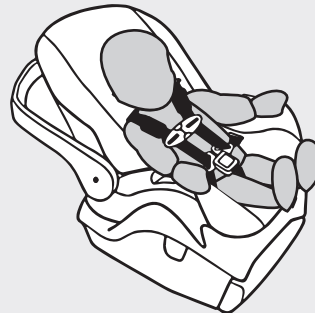


DYNAMIC TEST ASSESSMENT



18-MONTH-OLD CHILD

Restraint : Britax Baby Safe Plus
Facing : Rearward Facing
Installation : ISOFIX & Supportleg



Frontal Impact : 7.49
 Side Impact : 4.00
 Total Performance : 11.49

3-YEAR-OLD CHILD

Restraint : Britax Duo Plus
Facing : Forward Facing
Installation : ISOFIX & Top Tether

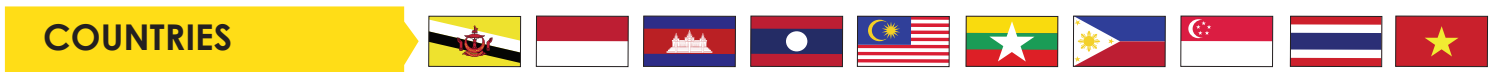


Frontal Impact : 5.16
 Side Impact : 4.00
 Total Performance : 9.16

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	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	PASS	PASS	N/A	N/A	N/A
Britax Baby Safe Plus ISOFIX Base*	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Britax Duo Plus*	Fwd	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



Effective Braking & Avoidance

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

Seatbelt Reminders

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

Blind Spot Technology

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

Advanced Safety Assist Technologies

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

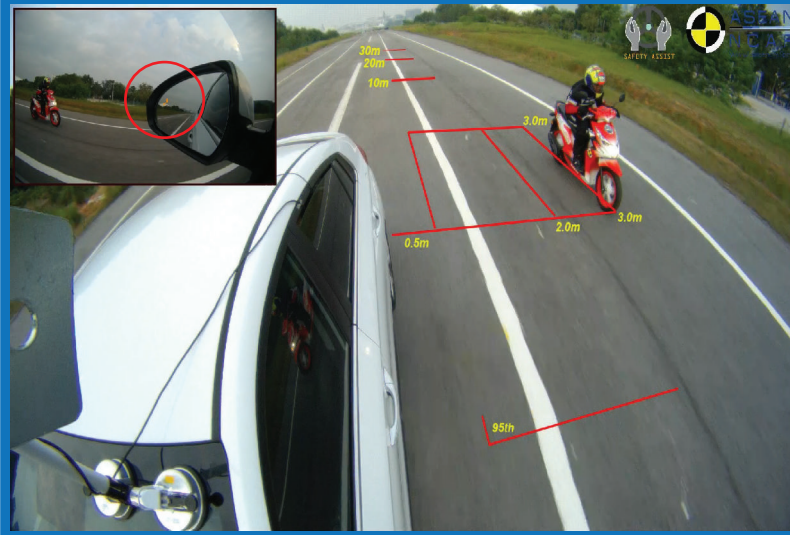
O : Available, X : Not available, TBA : To be advised, NS : Not sold

OVERALL RATING

The Hyundai IONIQ Hybrid is Hyundai's fifth model tested by ASEAN NCAP. The IONIQ performed extremely well in the test by achieving impressive points for each assessed domain. In addition to receive 46.34 points for Adult Occupant Protection and 21.48 points for Child Occupant Protection domain, the model also fared well in the Safety Assist domain. The outstanding points for this domain showed that the All-New Hyundai IONIQ is equipped with most of the technologies required by ASEAN NCAP, standard in all variants except for the Blind Spot Technology offered as an optional equipment in Malaysia. Hence, with an exceptional score of 91.98 points, the Hyundai IONIQ Hybrid has placed itself to be eligible for 5-Star ASEAN NCAP.

	AOP			COP			SAFETY ASSIST			2017 - 2020 ASEAN NCAP RATING 5
	Item	Point	Max	Item	Point	Max	Item	Point	Max	
	ODB	13.36	16.00	FRONTAL	12.66	16.00	EBA	8.00	8.00	OVERALL SCORE
	SIDE	16.00	16.00	SIDE	8.00	8.00	SBR	6.00	6.00	
	HPT Evaluation	4.00	4.00	Installation	11.44	12.00	BST	1.40	2.00	
				Vehicle Based	10.00	13.00	Advanced SATs	2.00	2.00	
Score		33.36	36.00		42.10	49.00		17.40	18.00	
Normalized Score		0.93			0.86			0.97		
Weighting		50%			25%			25%		
Weighted Score		46.34			21.48			24.17		91.98
Maximum Star Rating		5			5			5		5

BLIND SPOT TECHNOLOGY ASSESSMENT



Since 2017, ASEAN NCAP has introduced Blind Spot Technology (BST) in its new protocol. In this protocol, ASEAN NCAP assessed the functionality of each BST introduced in the car. The Hyundai IONIQ Hybrid has equipped BST as standard parts in Singapore. However, the part is an option in Malaysia. In this assessment, ASEAN NCAP confirms that the technology has functioned according to ASEAN NCAP requirements for both left and right side area.

