

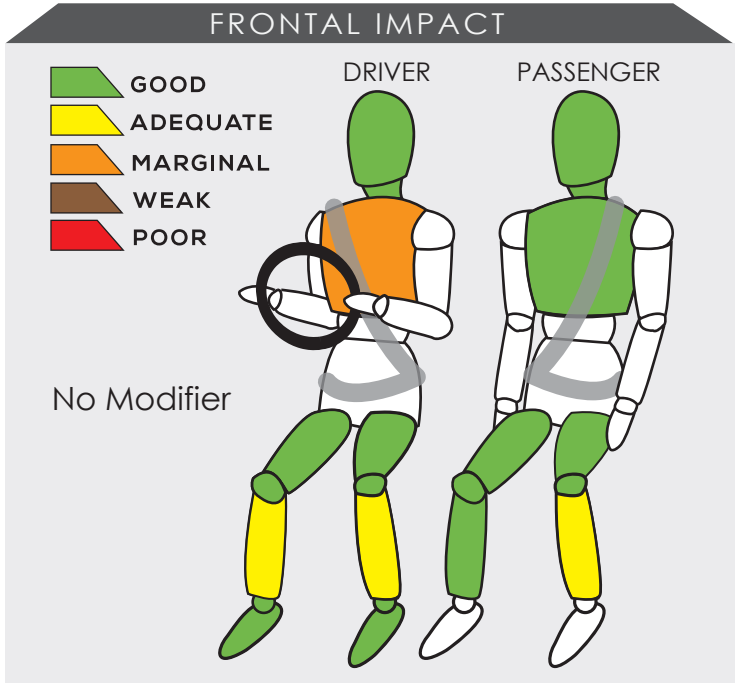
GAC EMZOOM



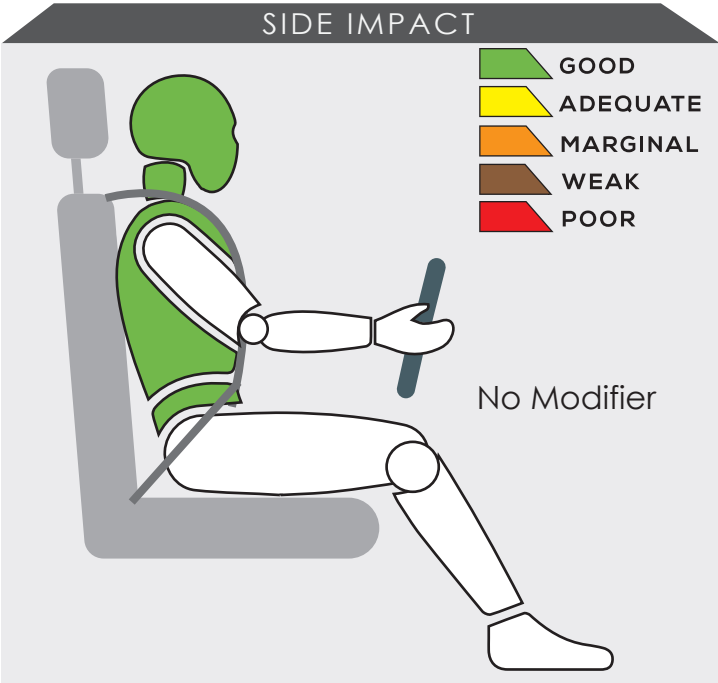
Variant GAC7151HCW6B	Year Built 2024
Model Year 2024	Vehicle Category HATCHBACK
Engine Capacity 1.5 L	Kerb Mass 1370 kg
No. of Airbags 6	Test Lab CAERI

TESTED VARIANT ORIGIN	CHINA	FOR	MALAYSIA
OTHER ASEAN PRODUCTION (ALL VARIANTS)	MALAYSIA	FOR	MALAYSIA

ADULT OCCUPANT PROTECTION	FRONTAL IMPACT	SIDE IMPACT	HEAD PROTECTION TECHNOLOGY	TOTAL
	13.28	8.00	8.00	29.28



The frontal occupant compartment remained stable in the frontal crash test. Data obtained from the test dummy showed there was marginal protection to the driver's chest. Data also showed both of the occupant's lower legs received adequate protection.



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

SAFETY ITEMS (PASSIVE)

ITEMS		REGION	ASEAN
Airbags	Driver		Standard on all variants
	Passenger		Standard on all variants
	Side (2)		Standard on all variants
	Curtain (2)		Standard on all variants
	Knee		Not available
Seatbelts	Retractor Pre-tensioner & Load Limiter for Driver		Standard on all variants
	Retractor Pre-tensioner & Load Limiter for Passenger		Standard on all variants

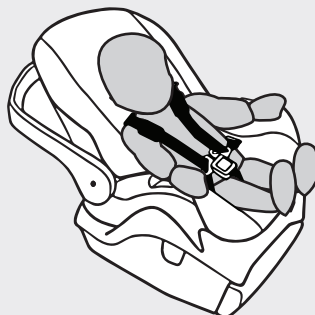
CHILD OCCUPANT PROTECTION	DYNAMIC TEST	VEHICLE BASED	INSTALLATION	CHILD DETECTION	TOTAL
	23.67	8.00	10.24	0.00	41.91

DYNAMIC TEST ASSESSMENT



18-MONTH-OLD CHILD

Restraint : Joie Every Stage Fx
Facing : Rearward Facing
Installation : Seatbelt



Frontal Impact : 7.67
 Side Impact : 4.00
 Total Performance : 11.67

3-YEAR-OLD CHILD

Restraint : Joie Every Stage Fx
Facing : Rearward Facing
Installation : Seatbelt



Frontal Impact : 8.00
 Side Impact : 4.00
 Total Performance : 12.00

CRS INSTALLATION ASSESSMENT

CRS	DIRECTION	SEAT POSITION						
		FRONT	2ND ROW			3RD ROW		
		PASSENGER	LEFT	CENTRE	RIGHT	LEFT	CENTRE	RIGHT
Peg-Perego Primo Viaggio SL	Rwd	EXEMPT	PASS	FAIL	PASS	N/A	N/A	N/A
Joie Stages	Rwd	EXEMPT	PASS	PASS	PASS	N/A	N/A	N/A
Joie Stages	Fwd	PASS	PASS	FAIL	PASS	N/A	N/A	N/A
Combi Buon Junior Air	Fwd	FAIL	PASS	PASS	PASS	N/A	N/A	N/A
Maxi Cosi Cabriofix + Family Fix	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Joie Every Stage Fx	Fwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Joie Every Stage Fx	Rwd	EXEMPT	PASS	PASS	PASS	N/A	N/A	N/A
Maxi Cosi Titan Pro	Fwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Britax KidFix 2 R	Fwd	PASS	FAIL	FAIL	FAIL	N/A	N/A	N/A
Joie Every Stage Fx*	Rwd	EXEMPT	PASS	PASS	PASS	N/A	N/A	N/A
Joie Every Stage Fx*	Rwd	EXEMPT	PASS	PASS	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 6.00	SEATBELT REMINDERS 3.75	AUTONOMOUS EMERGENCY BRAKING 6.00	ADVANCED SATs 3.00	TOTAL 18.75
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ITEMS	ASEAN
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Effective Braking & Avoidance
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Anti-lock Braking System	Standard on all variants
Electronic Stability Control	Standard on all variants

Seatbelt Reminders

Driver	Standard on all variants
Front Passenger	Standard on all variants
Rear Passengers	Available as optional
Rear Seat Occupant Detection	Not available

Autonomous Emergency Braking

City	Standard on all variants
Inter-Urban	Standard on all variants
Pedestrian	Standard on all variants

Advanced Safety Assist Technologies
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Lane Departure Warning System	Standard on all variants
Forward Collision Warning System	Standard on all variants
Lane Keep Assist	Standard on all variants

AUTONOMOUS EMERGENCY BRAKING ASSESSMENT
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ASEAN NCAP is introducing the Autonomous Emergency Braking (AEB) system functionality assessment in its new 2021-2025 protocol. In the protocol, ASEAN NCAP assessed the functionality and effectiveness of AEB City (car-to-car rear stationary) and AEB Inter-Urban (car-to-car rear moving) systems fitted inside the vehicle in performing emergency braking at several speeds against another preceeding vehicle. The new GAC EMZOOM offers both the AEB City and Inter-Urban systems as standard amongst its variants. In this assessment, ASEAN NCAP confirms that the technologies have functioned according to the ASEAN NCAP requirements.

MOTORCYCLIST SAFETY	BLIND SPOT DETECTION	REAR VISUALIZATION	HEADLIGHT	PEDESTRIAN	ADVANCED MST	TOTAL
	8.00	0.00	2.00	2.00	2.00	14.00

ITEMS		ASEAN
Blind Spot Detection		
	Nearside	Standard on all variants
	Offside	Standard on all variants
Rear Visualization		
	Advanced Rear Visualization	Not available
Headlight		
	Auto High Beam	Standard on all variants
Pedestrian		
	Pedestrian Protection	Standard on all variants
Advanced Motorcyclist Safety Technology		
	AEB for Motorcycle	Standard on all variants

BLIND SPOT DETECTION ASSESSMENT



Starting from the 2017-2020 protocol, ASEAN NCAP introduced an assessment on the functionality of Blind Spot Technology fitted inside the assessed vehicle. ASEAN NCAP continues the assessment under the new Motorcyclist Safety pillar for the new 2021-2025 protocol. The new GAC EMZOOM is equipped with Blind Spot Visualization (BSV) on both sides of the vehicle as standard fitment across all its variants. In this assessment, ASEAN NCAP confirms the technology has functioned according to the ASEAN NCAP requirements on the both sides of the vehicle.



OVERALL RATING

The GAC EMZOOM is the first model under the brand name GAC to undergo ASEAN NCAP assessment. The 5-seater hatchback is equipped with standard safety features across all its variants consisting of 6 airbags, Anti-lock Braking System (ABS), Electronic Stability Control (ESC), Seatbelt Reminder System (SBR) for frontal occupants, Autonomous Emergency Braking (AEB) City, AEB Inter-Urban, AEB Pedestrian, Blind Spot Visualization (BSV) for both driver and passenger sides of the vehicle, Auto High Beam (AHB) and Pedestrian Protection (PP) technology. The GAC EMZOOM also offers other advanced safety assist technologies that are Lane Departure Warning (LDW), Forward Collision Warning (FCW), Lane Keep Assist (LKA) and AEB for Motorcycle which are available as standard fitment. The GAC EMZOOM successfully achieved an overall score of 88.39 points. The score has made the hatchback to earn 5-Star ASEAN NCAP rating in all the assessment categories.

	AOP			COP			SAFETY ASSIST			MS			2021 - 2025 ASEAN NCAP RATING
	Item	Point	Max	Item	Point	Max	Item	Point	Max	Item	Point	Max	
	ODB	13.28	16.00	FRONTAL	15.67	16.00	EBA	6.00	6.00	BSD/BSV	8.00	8.00	5
	SIDE	8.00	8.00	SIDE	8.00	8.00	SBR	3.75	6.00	ARV	-	4.00	
	HPT Evaluation	8.00	8.00	Installation	10.24	12.00	AEB City	2.50	2.50	AHB	2.00	2.00	
				Vehicle Based CPD	8.00	13.00	AEB Inter-Urban	3.50	3.50	Ped. Protection	2.00	2.00	
					-	2.00	Advanced SATs	3.00	3.00	Advanced MST*	2.00	2.00	
Score		29.28	32.00		41.91	51.00		18.75	21.00		14.00	16.00	OVERALL SCORE
Normalized Score		0.92			0.82			0.89			0.875		
Weighting		40%			20%			20%			20%		
Weighted Score		36.60			16.43			17.86			17.50		
Maximum Star Rating		5			5			5			5		

*Bonus Point