

PERODUA ATIVA



Variant
1000 TURBO
X (CVT)

Year Built
2021

Model Year
2021

Vehicle Category
SUV

Engine Capacity
1.0 L

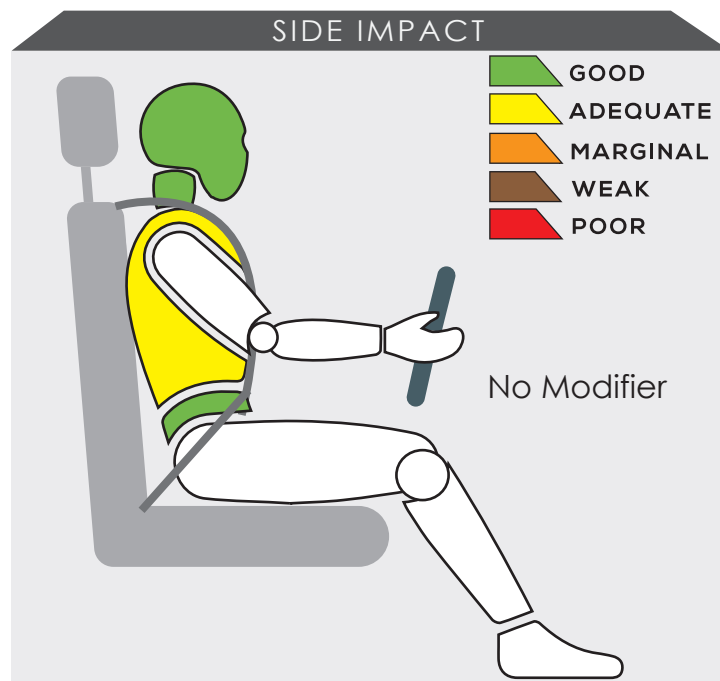
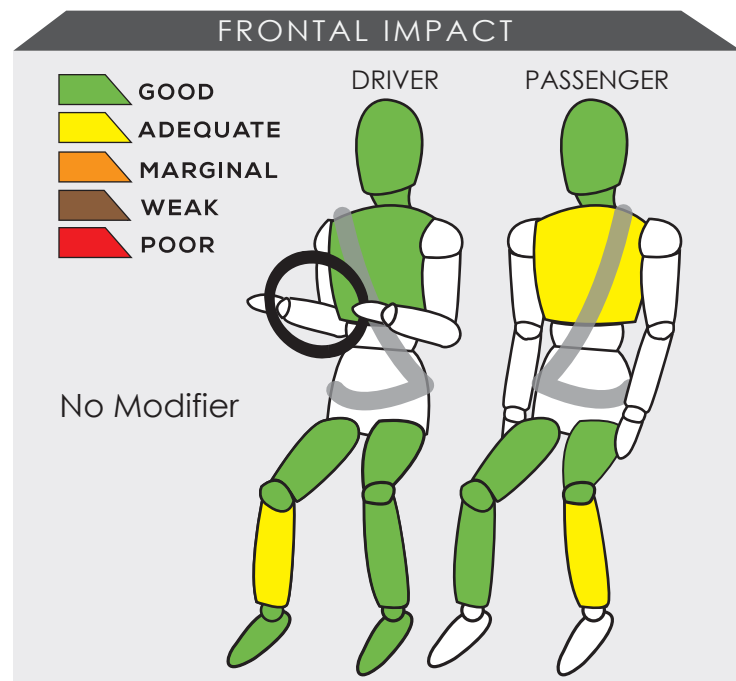
Kerb Mass
1020 kg

No. of Airbags
6

Test Lab
MROS
PC3
TOWARDS SAFER VEHICLES

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

ADULT OCCUPANT PROTECTION	FRONTAL IMPACT	SIDE IMPACT	HEAD PROTECTION TECHNOLOGY	TOTAL
	14.08	7.90	8.00	29.98



Test data obtained from the dummies showed the vehicle provided good protection to both occupants in the frontal offset test. Although the SUV remained stable, there were adequate protection given to the passenger's chest and the occupants' lower legs.

Data obtained from the test dummy showed the driver's chest had adequate protection in the side impact test.

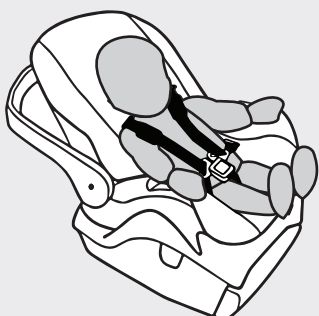
SAFETY ITEMS (PASSIVE)

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
	24.00	9.00	11.26	0.00	44.26

DYNAMIC TEST ASSESSMENT



18-MONTH-OLD CHILD		3-YEAR-OLD CHILD	
Restraint	: Maxi Cosi Cabriofix	Restraint	: Joie Stages ISOFIX
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
Peg-Perego Primo Viaggio SL	Rwd	EXEMPT	PASS	PASS	PASS	N/A	N/A	N/A
Joie Stages	Rwd	EXEMPT	PASS	FAIL	PASS	N/A	N/A	N/A
Joie Stages	Fwd	PASS	PASS	PASS	PASS	N/A	N/A	N/A
Combi Buon Junior Air	Fwd	PASS	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	FAIL	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	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 Stages 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 6.00	SEATBELT REMINDERS 4.50	AUTONOMOUS EMERGENCY BRAKING 6.00	ADVANCED SATs 3.00	TOTAL 19.50
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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 Passengers	Standard on all variants
Rear Passengers	Standard on all variants
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	Available as standard or optional
Forward Collision Warning System	Available as standard or optional
Lane Keep Assist	Available as standard or optional

AUTONOMOUS EMERGENCY BRAKING ASSESSMENT
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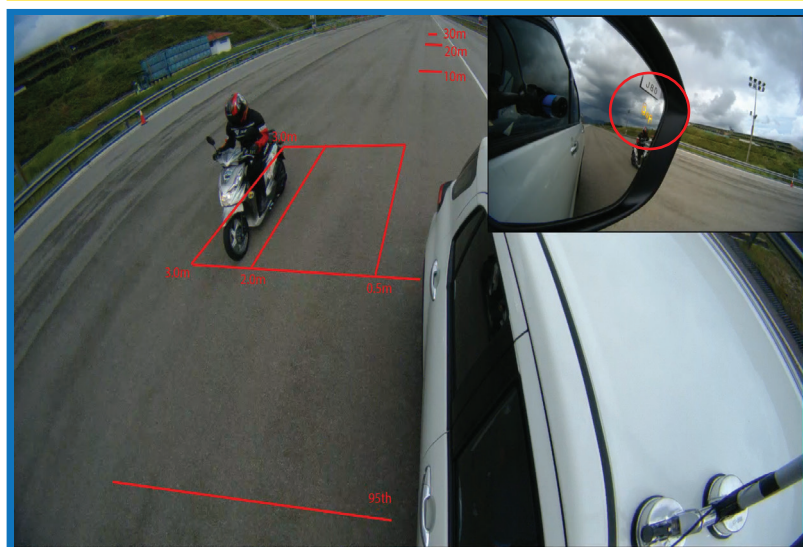
ASEAN NCAP is introducing the Autonomous Emergency Braking (AEB) system functionality assessment in its new 2021-2025 protocol. In the protocol, ASEAN NCAP assessed the functionality and effectiveness of AEB City and AEB Inter-Urban systems fitted inside the vehicle in performing emergency braking at several speeds against another vehicle in front. Both of the AEB City and Inter-Urban systems are available in the Atila as standard across all 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
	4.00	0.00	2.00	2.00	0.00	8.00

ITEMS	ASEAN
Blind Spot Detection	
Nearside	Optional
Offside	Optional
Rear Visualization	
Advanced Rear Visualization	Not available
Headlight	
Auto High Beam*	Optional
Pedestrian	
Pedestrian Protection	Standard on all variants
Advanced Motorcyclist Safety Technology	
Nil	—

*Premium variant with Adaptive Driving Beam

BLIND SPOT DETECTION ASSESSMENT



Starting from the 2017-2020 protocol, ASEAN NCAP had introduced assessment 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 Perodua Ativa is equipped with Blind Spot Detection (BSD) on both sides of the vehicle as optional fitment. In this assessment, ASEAN NCAP confirms that the technology has functioned according to the ASEAN NCAP requirements on both the left and right side area of the vehicle.



OVERALL RATING

The all new Perodua Ativa is Perodua's latest released model for 2021. This is the brand's eighth model that underwent ASEAN NCAP assessment and the first model in the ASEAN region to be assessed under the ASEAN NCAP new protocol for 2021-2025. In the assessment, the new Perodua SUV made an outstanding performance in the frontal offset test for AOP by scoring 37.48 points over the full score of 40.00 points. The new Ativa is equipped with 6 airbags, ABS, ESC, SBR for both frontal and rear occupants, AEB City, AEB Inter-Urban and Pedestrian as standard fitment across all its variants. Other SATs offered namely the LDW, FCW and LKA which are available either as standard or optional equipment. The model also met the requirement under the new Motorcyclist Safety pillar in which it offers BSD and AHB as optional fitment whilst its Pedestrian Protection technology is fitted as standard. Based on the new four assessment categories—AOP, COP, SATs and MS—the new Perodua Ativa successfully achieved an overall score of 83.40 points in which it is eligible to be awarded with 5-Star ASEAN NCAP rating.

	AOP			COP			SAFETY ASSIST			MS			2021 - 2025 ASEAN NCAP RATING
	Item	Point	Max	Item	Point	Max	Item	Point	Max	Item	Point	Max	
	ODB	14.08	16.00	FRONTAL	16.00	16.00	EBA	6.00	6.00	BSD/BSV	4.00	8.00	5
	SIDE	7.90	8.00	SIDE	8.00	8.00	SBR	4.50	6.00	ARV	-	4.00	
	HPT Evaluation	8.00	8.00	Installation	11.26	12.00	AEB City	2.50	2.50	AHB	2.00	2.00	
				Vehicle Based	9.00	13.00	AEB Inter-Urban	3.50	3.50	Ped. Protection	2.00	2.00	
				CPD	-	2.00	Advanced SATs	3.00	3.00	Advanced MST*	-	2.00	
Score		29.98	32.00		44.26	51.00		19.50	21.00		8.00	16.00	OVERALL SCORE
Normalized Score		0.94			0.87			0.93			0.5		
Weighting		40%			20%			20%			20%		
Weighted Score		37.48			17.36			18.57			10.00		
Maximum Star Rating		5			5			5			5		5

*Bonus Point