

PERODUA QV-E



**Variant**
QV-E

**Year Built**
2025

**Model Year**
2025

**Vehicle Category**
HATCHBACK

**Motor Power**
150kW

**Kerb Mass**
1600 kg

**No. of Airbags**
6

**Test Lab**


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

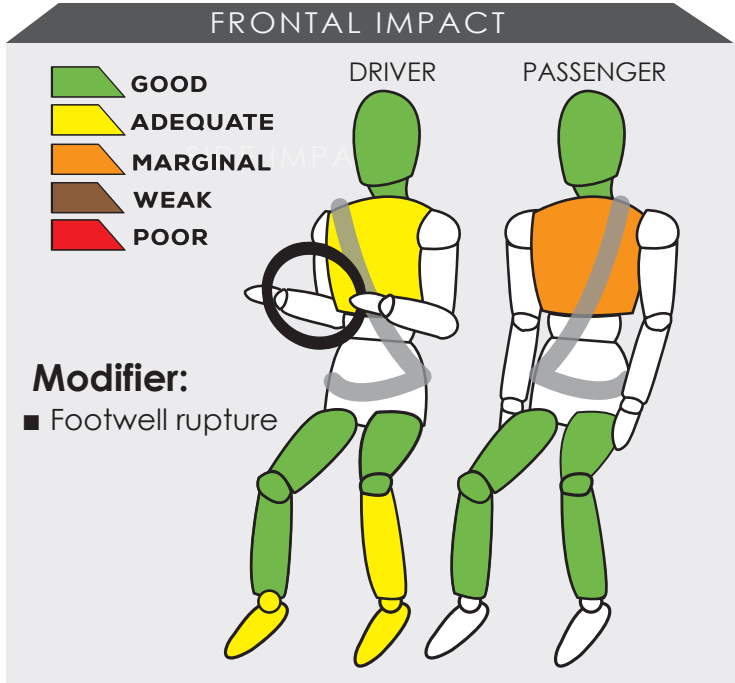
ADULT OCCUPANT PROTECTION

FRONTAL IMPACT
13.31

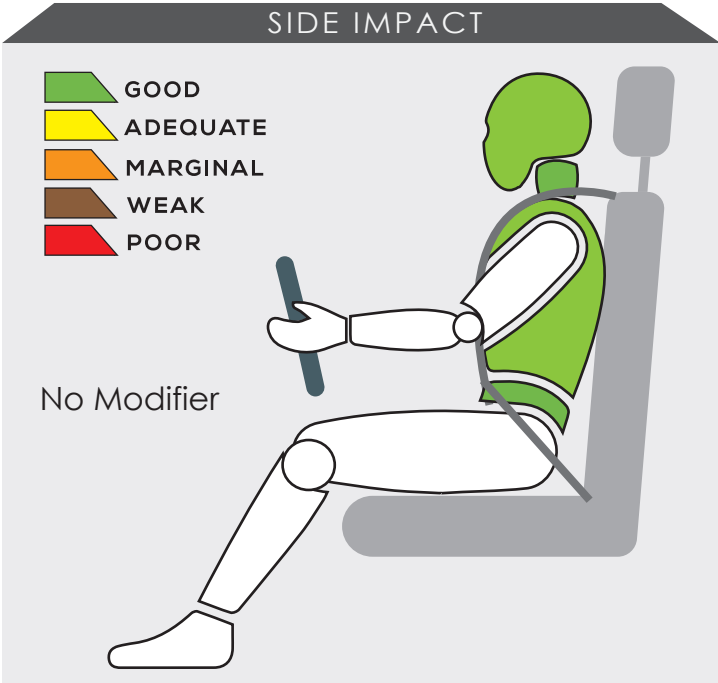
SIDE IMPACT
8.00

HEAD PROTECTION TECHNOLOGY
8.00

TOTAL
29.31



There was marginal protection to the passenger's chest based on the data obtained from the test dummy. The driver's chest and left lower leg received adequate protection in the test. Nevertheless, the hatchback's frontal compartment remained stable in the frontal offset test.



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

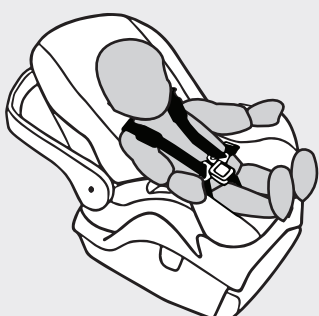
SAFETY ITEMS (PASSIVE)

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
	24.00	8.00	8.67	2.00	42.67

DYNAMIC TEST ASSESSMENT



18-MONTH-OLD CHILD		3-YEAR-OLD CHILD	
Restraint	: Joie i Spin 360 GTI	Restraint	: Joie i Spin 360 GTI
Facing	: Rearward Facing	Facing	: Rearward Facing
Installation	: ISOFIX & Supportleg	Installation	: ISOFIX & Supportleg
			
Frontal Impact	: 8.000	Frontal Impact	: 8.000
Side Impact	: 4.000	Side Impact	: 4.000
Total Performance	: 12.000	Total Performance	: 12.000

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	PASS	PASS	PASS	PASS	N/A	N/A	N/A
Joie Stages	Rwd	PASS	FAIL	FAIL	FAIL	N/A	N/A	N/A
Joie Stages	Fwd	FAIL	PASS	FAIL	PASS	N/A	N/A	N/A
Combi Buon Junior Air	Fwd	FAIL	FAIL	FAIL	FAIL	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	PASS	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	FAIL	PASS	FAIL	PASS	N/A	N/A	N/A
Joie i Spin 360 GTI*	Rwd	EXEMPT	PASS	EXEMPT	PASS	N/A	N/A	N/A
Joie i Spin 360 GTI*	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 6.00	AUTONOMOUS EMERGENCY BRAKING 6.00	ADVANCED SATs 3.00	TOTAL 21.00
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ITEMS	ASEAN
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Effective Braking & Avoidance
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Anti-lock Braking System	Available as standard
Electronic Stability Control	Available as standard

Seatbelt Reminders

Driver	Available as standard
Front Passenger	Available as standard
Rear Passengers	Available as standard
Rear Seat Occupant Detection	Available as standard

Autonomous Emergency Braking

City	Available as standard
Inter-Urban	Available as standard
Pedestrian	Not available

Advanced Safety Assist Technologies
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Lane Departure Warning System	Available as standard
Forward Collision Warning System	Available as standard
Lane Keep Assist	Available as standard

AUTONOMOUS EMERGENCY BRAKING ASSESSMENT
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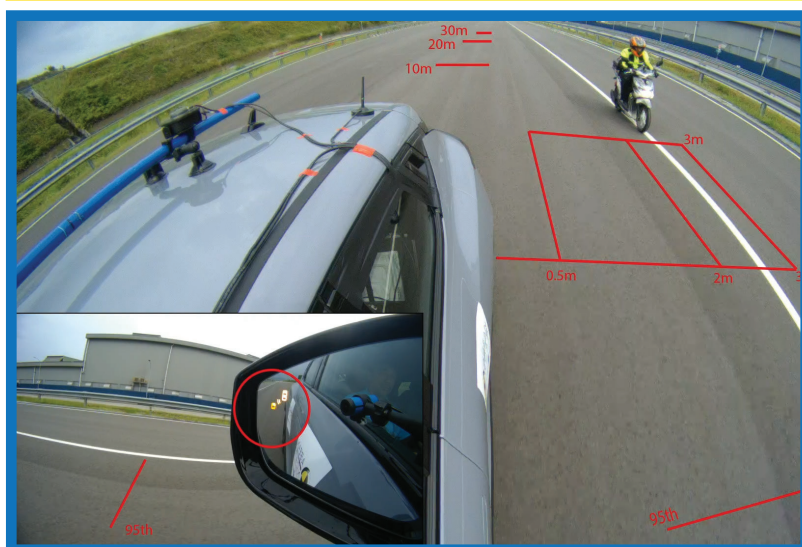


ASEAN NCAP introduces the Autonomous Emergency Braking (AEB) system functionality assessment in its current 2021-2025 protocol. In the protocol, ASEAN NCAP assessed the functionality and effectiveness of AEB City (car-to-car rear stationary) and AEB Inter-Urban (car-to-car rear moving) systems fitted inside the vehicle in performing emergency braking at several speeds against another preceding vehicle. The Perodua QV-E is equipped with both the AEB City and Inter-Urban systems as standard equipment. In this assessment, ASEAN NCAP confirms 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	0.00	12.00

ITEMS	ASEAN
Blind Spot Detection	
Nearside	Available as standard
Offside	Available as standard
Rear Visualization	
Advanced Rear Visualization	Not available
Headlight	
Auto High Beam	Available as standard
Pedestrian	
Pedestrian Protection	Available as standard
Advanced Motorcyclist Safety Technology	
Nil	-

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 current 2021-2025 protocol. The new Perodua QV-E is equipped with Blind Spot Detection (BSD) on both sides of the vehicle as a standard fitment. In the assessment, ASEAN NCAP confirms the technology has functioned according to the ASEAN NCAP requirements on both sides of the vehicle.



OVERALL RATING

The newly assessed Perodua QV-E is the first electric vehicle (EV) under the Perodua brand that underwent ASEAN NCAP assessment under the 2021-2025 protocol. The model offers various range of key safety technologies as standard features. The Perodua QV-E is equipped with 6 airbags, Electronic Stability Control (ESC), Anti-lock Braking System (ABS), Seatbelt Reminder System (SBR) for both frontal and rear seats occupants as well as rear seats occupant detection, Autonomous Emergency Braking (AEB) City, AEB Inter-Urban, AEB Pedestrian, Forward Collision Warning (FCW), Lane Keep Assist (LKA), Lane Departure Warning (LDW), Blind Spot Detection (BSD) on both sides of the vehicle, Automatic High Beam (AHB), Pedestrian Protection (PP), ISOFIX for child seat and Child Presence Detection (CPD) as standard equipment in its variant. The Perodua QV-E made an impressive performance in the ASEAN NCAP assessment by successfully achieving an accumulated score of 88.36 points. The score has made the model to be eligible to receive 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	13.31	16.00	FRONTAL	16.00	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	6.00	6.00	ARV	-	4.00	
	HPT Evaluation	8.00	8.00	Installation	8.67	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	2.00	Advanced SATs	3.00	3.00	Advanced MST*	-	2.00	
Score		29.31	32.00		42.67	51.00		21.00	21.00		12.00	16.00	OVERALL SCORE
Normalized Score		0.92			0.84			1.00			0.75		
Weighting		40%			20%			20%			20%		
Weighted Score		36.63			16.73			20.00			15.00		
Maximum Star Rating		5			5			5			5		5

*Bonus Point