

GENESIS GV80

DECEMBER 2020 - ONWARDS
AWD 2.5L PETROL & 3.0L DIESEL ONLY



TESTED
2021



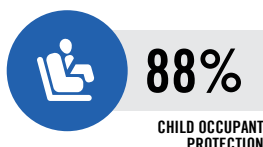
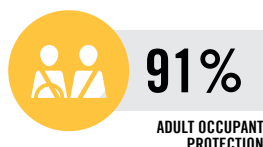
RATING YEAR	2021
VEHICLE TYPE	Large SUV
ENGINE TYPE	Petrol / Diesel
BUILT FROM	October 2020
ON SALE FROM	December 2020
SERIES	JX1
AIRBAGS	Dual frontal, side chest, side head, centre, driver knee

The Genesis GV80 was introduced in Australia in December 2020. This ANCAP safety rating applies to AWD variants with 2.5 litre petrol and 3.0 litre diesel engines. The 3.5 litre (V6) petrol and 2WD variants are unrated.

Dual frontal, side head-protecting airbags (1st, 2nd & 3rd rows) and side chest-protecting airbags, and a driver knee airbag are standard. A centre airbag to minimise occupant injury in a far-side impact crash is also fitted.

Autonomous emergency braking (Car-to-Car, Vulnerable Road User and Junction Assist) as well as a lane support system with lane keep assist (LKA), lane departure warning (LDW) and emergency lane keeping (ELK) are standard on all variants.

All variants of the Genesis GV80 are also equipped with a Child Presence Alert, to warn the driver if a child is left in the vehicle.



RATING APPLICABILITY

VARIANT	BODY TYPE	ENGINE	DRIVETRAIN	AUS	NZ
Genesis GV80 2.5T	5 door SUV	2.5 litre petrol	2WD	✗	-
Genesis GV80 2.5T AWD	5 door SUV	2.5 litre petrol	AWD	✓	-
Genesis GV80 3.0D AWD	5 door SUV	3.0 litre diesel	AWD	✓	-
Genesis GV80 3.5T AWD	5 door SUV	3.5 litre petrol	AWD	✗	-

ADULT OCCUPANT PROTECTION



91%

34.93 POINTS
OUT OF 38

The passenger compartment remained stable in the frontal offset (MPDB) test. Protection of the driver chest and lower legs was ADEQUATE, while protection was GOOD for all other critical body regions. Full points were scored for protection offered to the front passenger in this test.

The front structure of the Genesis GV80 presented a high risk to the occupants of a collision partner vehicle in this test, and a penalty of 3.53 points was applied for vehicle compatibility.

In the full width frontal test, protection of the driver was GOOD for all critical body areas and full points were scored. For the rear passenger, dummy readings indicated ADEQUATE protection of the neck and chest, and GOOD for all other critical body regions.

In the side impact and oblique pole tests, protection offered to all critical body regions was GOOD and the Genesis GV80 scored maximum points in both tests.

The Genesis GV80 is equipped with a centre airbag to protect against occupant-to-occupant interaction in side impacts, and it provided GOOD protection for the head of both front seat occupants in the far side impact tests.

A Rescue Sheet, providing information for first responders in the event of a crash, is available for all rated variants.

FRONTAL OFFSET (MPDB)#	5.67 (out of 8)
FULL WIDTH FRONTAL#	7.86 (out of 8)
SIDE IMPACT#	6.00 (out of 6)
OBLIQUE POLE#	6.00 (out of 6)
WHIPLASH PROTECTION	3.40 (out of 4)
FAR SIDE IMPACT	4.00 (out of 4)
RESCUE & EXTRICATION	2.00 (out of 2)

Scaled scores. Total test scored out of 16.00 points.

FRONTAL OFFSET (MPDB) (50km/h)



DRIVER

Head / neck:	4.00 pts
Chest:	3.13 pts
Upper legs:	4.00 pts
Lower legs:	3.74 pts
Deductions:	Nil

FRONT PASSENGER

Head / neck:	4.00 pts
Chest:	4.00 pts
Upper legs:	4.00 pts
Lower legs:	4.00 pts
Deductions:	Nil

COMPATIBILITY

Deductions:	-3.53 pts
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FULL WIDTH FRONTAL (50km/h)



DRIVER

Head:	4.00 pts
Neck:	4.00 pts
Chest:	4.00 pts
Upper legs:	4.00 pts
Deductions:	Nil

REAR PASSENGER

Head:	4.00 pts
Neck:	3.89 pts
Chest:	3.56 pts
Upper legs:	4.00 pts
Deductions:	Nil

RESCUE & EXTRICATION

Rescue Sheet	●	No penalty
Door Opening	●	No penalty
Multi-Collision Braking	●	1.00 pt
Advanced eCall	✗	1.00 pt default

SIDE IMPACT OBLIQUE POLE



SIDE IMPACT (MDB) (60km/h)

Head:	4.00 pts
Chest:	4.00 pts
Abdomen:	4.00 pts
Pelvis:	4.00 pts
Deductions:	Nil

OBLIQUE POLE (32km/h)

Head:	4.00 pts
Chest:	4.00 pts
Abdomen:	4.00 pts
Pelvis:	4.00 pts
Deductions:	Nil

FAR SIDE IMPACT



SIDE IMPACT (MDB)

Head:	4.00 pts
Neck:	4.00 pts
Chest & Abdomen:	4.00 pts
Pelvis:	No penalty

OBLIQUE POLE

Head:	4.00 pts
Neck:	4.00 pts
Chest & Abdomen:	4.00 pts
Pelvis:	No penalty

OCCUPANT-TO-OCCUPANT

Head contact:	No penalty
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WHIPLASH (REAR IMPACT) PROTECTION



Driver / front passenger:	2.96 pts
Rear passenger:	0.44 pts

CHILD OCCUPANT PROTECTION



88%

43.41 POINTS
OUT OF 49

In both the frontal offset and side impact tests, protection was GOOD for all critical body areas for both the 6 year and 10 year child dummies.

The Genesis GV80 is fitted with lower ISOFix anchorages on the second row outboard seats and top tether anchorages for all second row seating positions. Top tethers are not available in the third row. Installation of child restraints in the third row is therefore not recommended.

Installation of typical child restraints available in Australia and New Zealand showed most child restraints could be accommodated in most second-row seating positions, though one of the selected Type A convertible seats could not be correctly installed in rearward facing mode using the ISOFix anchorages. In addition, care is required when installing a Type E booster in the second row centre position.

DYNAMIC TEST (FRONT)	16.00 (out of 16)
DYNAMIC TEST (SIDE)	8.00 (out of 8)
RESTRAINT INSTALLATION	11.41 (out of 12)
ON-BOARD SAFETY FEATURES	8.00 (out of 13)

FRONTAL OFFSET (MPDB) (50km/h)



6 YEAR OLD

10 YEAR OLD

SIDE IMPACT (60km/h)



10 YEAR OLD

6 YEAR OLD

ON-BOARD SAFETY FEATURES

FEATURE	FRONT PASSENGER	2nd ROW OUTBOARD	2nd ROW CENTRE	3rd ROW OUTBOARD	3rd ROW CENTRE
ISOFix	×	●	×	×	×
Integrated child restraints	×	×	×	×	×
Top tether anchorage	×	●	●	×	×
Airbag disabling	×	-	-	-	-

● FITTED TO TEST CAR AS STANDARD ● NOT FITTED TO TEST CAR BUT AVAILABLE AS AN OPTION × NOT AVAILABLE - NOT APPLICABLE

GOOD ADEQUATE MARGINAL WEAK POOR

NOTE: The child restraints fitted to vehicles tested by Euro NCAP are relevant to the European market. For Australasian consumers, this information should be used as a guide to vehicle features only. The Child Restraint Evaluation Program (CREP) provides an independent assessment on the safety of Australasian child restraints - see www.childcarseats.com.au.



88%

43.41 POINTS
OUT OF 49

CHILD RESTRAINT INSTALLATION*

CHILD RESTRAINT (CRS) TYPE [^]		FRONT ROW	2nd ROW			3rd ROW			
		PASSENGER	LEFT	CENTRE	RIGHT	LEFT	CENTRE	RIGHT	
BELTED	TYPE A	Rearward facing capsule	×	●	●	●	×	-	×
	TYPE A	Rearward facing with harness - convertible (Model A)	×	●	●	●	×	-	×
		Rearward facing with harness - convertible (Model B)	×	●	●	●	×	-	×
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	●	●	×	-	×
		Forward facing with harness - convertible (Model B)	×	●	●	●	×	-	×
	TYPE E	Booster - 4 to 8 years	×	●	●	●	×	-	×
TYPE F	Booster - 4 to 10 years	×	●	●	●	×	-	×	
ISOFIX	TYPE A	Rearward facing capsule	×	●	-	●	×	-	×
	TYPE A	Rearward facing with harness - convertible (Model A)	×	●	-	●	×	-	×
		Rearward facing with harness - convertible (Model B)	×	●	-	●	×	-	×
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	-	●	×	-	×
		Forward facing with harness - convertible (Model B)	×	●	-	●	×	-	×

* Installation of each child restraint is assessed separately in each position. Installation of multiple restraints has not been assessed and may not be possible.

[^] The above list of child restraints has been selected to provide a general indication of the rated vehicle's ability to accommodate various CRS types. ANCAP does not endorse or recommend any one CRS brand or model, nor does it rate the safety of child restraints.



66%

36.04 POINTS
OUT OF 54

The bonnet of the Genesis GV80 provided a mix of GOOD and ADEQUATE protection to the head of a struck pedestrian over most of its surface, with some WEAK and POOR results recorded at the front edge. Protection of the pelvis and upper legs was predominately POOR, while the bumper showed GOOD results for lower leg impacts.

The autonomous emergency braking (AEB) system is capable of detecting and reacting to pedestrians and cyclists. Testing of this system showed ADEQUATE performance in pedestrian test scenarios, with GOOD performance seen in cyclist test scenarios. The AEB system does not react to pedestrians in turning scenarios.

An AEB system that reacts to vulnerable road users in reverse (AEB Backover) is fitted to vehicles in Australia, but was not fitted to the vehicle tested by Euro NCAP and was not scored.

HEAD IMPACTS	15.63 (out of 24)
UPPER LEG IMPACTS	1.29 (out of 6)
LOWER LEG IMPACTS	6.00 (out of 6)
AEB - Pedestrian (forward)	6.00 (out of 7)
AEB - Pedestrian (backover)	0.00 (out of 2)
AEB - Cyclist	7.11 (out of 9)

AUTONOMOUS EMERGENCY BRAKING (PEDESTRIAN, CYCLIST & BACKOVER)

SYSTEM NAME: Forward Collision Avoidance (FCA)
TYPE: Autonomous emergency braking with forward collision warning
OPERATIONAL FROM: 5-200 km/h
DESCRIPTION: System functions in the daytime and night

AUTONOMOUS EMERGENCY BRAKING - PEDESTRIAN														
TEST SCENARIO	AEB + FCW		FORWARD								BACKOVER			
	Adult walking along road		Adult crossing towards kerb (50%)		Adult crossing from kerb (25%)		Adult crossing from kerb (75%)		Child running (obstructed)		Adult crossing side road, vehicle turning		Adult walking behind reversing vehicle	Adult standing behind reversing vehicle
	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	DAY
PERFORMANCE	GOOD	GOOD	GOOD	POOR	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	POOR	POOR
ADEQUATE														

AUTONOMOUS EMERGENCY BRAKING - CYCLIST					
TEST SCENARIO	FCW	FORWARD			
	Cyclist travelling along road (25%)	Cyclist crossing from kerb (obstructed)	Cyclist travelling along road (50%)	Cyclist crossing (nearside)	Cyclist crossing (farside)
	DAY	DAY	DAY	DAY	DAY
PERFORMANCE	ADEQUATE	GOOD	GOOD	GOOD	ADEQUATE
GOOD					

PEDESTRIAN IMPACT TEST (40 KM/H)





79%

12.69 POINTS
OUT OF 16

The Genesis GV80 is fitted as standard with a range of safety assist features including autonomous emergency braking (AEB) and a lane support system (LSS) with lane keep assist (LKA) and emergency lane keeping (ELK) functionality.

Tests of the AEB (Car-to-Car) system showed GOOD performance with collisions avoided or mitigated in most scenarios. Overall, effectiveness of the AEB (Car-to-Car) system performance was rated as GOOD.

Tests of LSS functionality showed GOOD performance in LKA scenarios, and ADEQUATE performance in the more critical ELK scenarios. Overall performance was classified as GOOD.

A driver-set speed limiter is standard equipment. A speed limit information function (SLIF) is not available.

A seatbelt reminder system is fitted for all front and rear (second & third row) seating positions, however occupant detection is not available for the centre seating position in the second row.

A driver drowsiness monitor system is fitted as standard.

OCCUPANT STATUS

- Seat belt reminders 1.80 (out of 2)
- Driver monitoring 1.00 (out of 1)

SPEED ASSISTANCE SYSTEMS 1.25 (out of 3)

LANE SUPPORT SYSTEMS 3.25 (out of 4)

AEB - Car-to-Car 3.36 (out of 4)

AEB - Junction Assist 1.78 (out of 2)

LANE SUPPORT SYSTEMS (LSS)

SYSTEM NAME: Lane Keep Assist (LKA)
OPERATIONAL FROM: 60-200 km/h

EMERGENCY LANE KEEPING (ELK)											
TEST SCENARIO	Oncoming vehicle	Overtaking vehicle (GVT at 72 km/h)		Overtaking vehicle (GVT at 80 km/h)		Road edge			Solid line		
		UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL						
PERFORMANCE	GOOD	POOR	POOR	POOR	POOR	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
ADEQUATE											

LANE KEEP ASSIST (LKA)				
TEST SCENARIO	Dashed Line		Solid Line	
PERFORMANCE	GOOD	GOOD	GOOD	GOOD
GOOD				

HUMAN MACHINE INTERFACE (HMI)		
FUNCTION	Lane Departure Warning (LDW)	PASS
	Blind Spot Monitoring (BSM)	PASS



79%

12.69 POINTS
OUT OF 16

AUTONOMOUS EMERGENCY BRAKING (CAR-TO-CAR)

SYSTEM NAME: Forward Collision Avoidance (FCA)
 TYPE: Autonomous emergency braking with forward collision warning
 OPERATIONAL FROM: 5-85 km/h
 DESCRIPTION: Defaults ON for every journey

HUMAN MACHINE INTERFACE (HMI)		
FUNCTION	Supplementary warning	[NOT FITTED]
	Restraint activation / dynamic retractors	PASS

AUTONOMOUS EMERGENCY BRAKING - CAR-TO-CAR								
TEST SCENARIO	Driving towards a stationary car					Turning across the path of oncoming vehicle		
	-50% OFFSET	-75% OFFSET	100% OFFSET	75% OFFSET	50% OFFSET	TARGET VEHICLE SPEED		
						30 KM/H	45 KM/H	55 KM/H
AEB (10-50 km/h)								
FCW (30-80 km/h)								
PERFORMANCE	GOOD					GOOD		

AUTONOMOUS EMERGENCY BRAKING - CAR-TO-CAR									
TEST SCENARIO	Toward car braking lightly		Toward car braking heavily		Driving towards a slower moving car*				
	12m HEADWAY	40m HEADWAY	12m HEADWAY	40m HEADWAY					
AEB (10-50 km/h)									
FCW (50*-80 km/h)									
PERFORMANCE	GOOD								

OCCUPANT STATUS

WARNING TYPE	DRIVER	FRONT PASSENGER	REAR PASSENGERS
Occupant Detection	-	●	●*
Seat Belt Reminder (Visual)	●	●	●
Seat Belt Reminder (Audible)	●	●	●
Driver Monitoring	●	-	-

SPEED ASSISTANCE SYSTEMS (SAS)

SAS FEATURE	DESCRIPTION
Speed Limit Information Function	✗
Speed Limitation Function	Manually set

● PASS ● FAIL ✗ NOT AVAILABLE - NOT APPLICABLE * EXCLUDING 2ND ROW CENTRE

■ GOOD ■ ADEQUATE ■ MARGINAL ■ WEAK ■ POOR

SAFETY FEATURES & TECHNOLOGIES

FEATURE / TECHNOLOGY~	AVAILABILITY	
	AUS	NZ
Seat belts (three-point) for all forward-facing seats	●	-
Seat belt pre-tensioners (front)	●	-
Seat belt pre-tensioners (rear outboard) - 2nd row	●	-
Seat belt pre-tensioners (rear centre) - 2nd row	●	-
Seat belt pre-tensioners (rear outboard) - 3rd row	✗	-
Intelligent seat belt reminder (driver)	●	-
Intelligent seat belt reminder (front passenger)	●	-
Intelligent seat belt reminder (2nd row seats)	●	-
Intelligent seat belt reminder (3rd row seats)	●	-
Airbag - frontal (driver)	●	-
Airbag - frontal (passenger)	●	-
Airbags - side, chest protection (front seats)	●	-
Airbags - side, chest protection (2nd row seats)	●	-
Airbags - side, chest protection (3rd row seats)	✗	-
Airbags - side, head protection (front seats)	●	-
Airbags - side, head protection (2nd row seats)	●	-
Airbags - side, head protection (3rd row seats)	●	-
Airbag - centre	●	-
Airbag - knee (driver)	●	-
Airbag - knee (front passenger)	✗	-
Airbag disabling switch - automatic (front passenger)	✗	-
Airbag disabling switch - manual (front passenger)	✗	-
Head restraints for all seats	●	-
Active bonnet	✗	-
Adaptive cruise control (ACC)	●	-
Anti-lock braking system (ABS)	●	-
Autonomous emergency braking (AEB) - Car-to-Car	●	-
Autonomous emergency braking (AEB) - VRU	●	-
Autonomous emergency braking (AEB) - Backover	●	-
Automatic emergency call (eCall)	✗	-
Blind spot monitor (BSM)	●	-
Child presence alert	●	-
Electronic brakeforce distribution (EBD)	●	-
Electronic data recorder (EDR)	●	-
Electronic stability control (ESC)	●	-
Emergency brake assist (EBA)	●	-
Emergency stop signal (ESS)	●	-
Fatigue reminder	●	-
Fatigue monitor / detection	●	-
Forward collision warning (FCW)	●	-
ISOFix	●	-
Lane departure warning (LDW)	●	-
Lane keep assist (LKA)	●	-
Pre-crash systems	✗	-
Rear cross-traffic alert (RCTA)	●	-
Reversing collision avoidance (camera)	●	-
Roll stability system	●	-
Secondary / multi-collision brake	●	-
Speed assistance - auto / intelligent speed limiter	✗	-
Speed assistance - manual speed limiter	●	-
Speed assistance - speed sign recognition & warning	✗	-
Smart (intelligent) key	✗	-
Vehicle-to-infrastructure communication (V2I)	✗	-
Vehicle-to-vehicle communication (V2V)	✗	-

TESTED MAKE / MODEL	Genesis GV80 LHD
TESTED VEHICLE(S) BUILT	2021
TESTED BODY TYPE	Large SUV
TESTED VEHICLE ENGINE	3.0 litre diesel
RATING PUBLISHED	May 2021
RATING UPDATED	n/a

MODEL VARIANTS:

ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on the extension of a rating to additional variants of a model.

RATING YEAR (DATESTAMP):

The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and, for vehicles rated from 2018, the Rating Year is the year in which the vehicle was tested.

~ Specifications & availability subject to change. Please check with the vehicle manufacturer for confirmation of vehicle specification.

* Except 2nd row centre seating position.

● STANDARD ○ OPTIONAL ✗ NOT AVAILABLE
 ● NOT AVAILABLE ON BASE VARIANT BUT STANDARD OR OPTIONAL ON HIGHER VARIANTS