

# ANCAP Safety Rating HYUNDAI iLOAD (Jun 2017 - onwards)



Hyundai iLOAD (van)

## This ANCAP safety rating applies to:

Make / Model	Hyundai iLOAD
Year Range	June 2017 - onwards
Variants*	Diesel van variants
Vehicle Type	Van

The tested model of Hyundai iLoad van was introduced in Australia during 2008. This rating applies to updated diesel models sold from June 2017. This rating also applies to diesel van variants only.

Dual frontal airbags are standard. Antilock brakes (ABS) with electronic brake distribution (EBD) is also standard. Electronic stability control (ESC) is standard on diesel variants. Petrol variants were not available with ESC and the 2.4 litre MPI petrol variant was discontinued in 2017.

A 2-point seat belt is fitted to the centre front seat. This provides inferior protection compared with a 3-point point (lap / sash) seat belt. This seating position also lacks the protection of an airbag.

## Injury Outcomes.

### Frontal Offset

Driver



Passenger



### Side Impact

Driver



### Whiplash Protection

Driver

[NOT TESTED]



## Test Results Summary.

Airbags	Dual Frontal
Frontal Offset Test	9.81 (out of 16)
Side Impact Test	16.00 (out of 16)
Pole Test	[Not Tested]
Whiplash Protection	[Not Tested]
Pedestrian Protection	Poor
ESC	Standard
Seat Belt Reminders	0.00 (out of 3)
Overall Score	25.81 (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year <sup>^</sup>	2011

## Occupant Protection.

### Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	1.24 points
Upper legs:	1.58 points
Lower legs:	3.00 points

All doors remained closed during the frontal offset test. The supporting structure behind the dashboard separated from the A-pillar resulting in a penalty. Steering column components were a potential source of injury for the driver's knees. Protection from serious injury was marginal for the driver's chest and upper legs.

### Side Impact Test

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points

The side impact test normally used by ANCAP simulates a small car striking the driver's door of the test vehicle. Experience shows that large vehicles like the Hyundai iLoad can be expected to perform well in this test. ANCAP has adopted a policy of awarding these types of vehicles a default score of 16 points (out of 16).

### Pole Test

Scored out of 2 points

[NOT TESTED]

### Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

[NOT TESTED]

# ANCAP Safety Rating

## HYUNDAI iLOAD (Jun 2017 - onwards)



### Pedestrian Protection.

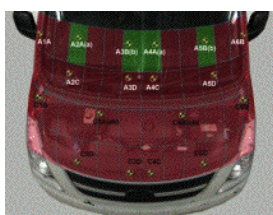
#### Pedestrian Test

Scored out of 36 points

Adult & child head impacts: 2.00 points  
 Upper leg impacts: 0.00 points  
 Lower leg impacts: 0.00 points

This vehicle scored 2.00 out of 36 points (Poor). Poor results were achieved over the majority of areas likely to be hit by the head and legs of a struck pedestrian. (v4.1)

#### Child and adult head impact



#### Adult leg impact (upper and full legforms)



### Score Deductions.

#### Deductions from frontal offset test scores

Head / neck: No deductions  
 Chest: -1.00 point (loss of structure)  
 Upper legs: -2.00 points (variable contacts & concentrated loads for driver knees, variable contacts for passenger knees)  
 Lower legs: No deductions  
 Foot: -1.00 point (footwell rupture)  
 Overall: No deductions

#### Deductions from side impact test score

[NOT TESTED – Default score awarded]

#### Deductions from pole test score

[NOT TESTED]

### Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at [ancap.com.au](http://ancap.com.au).

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point, lap/sash) for all forward-facing seats	X
Seat belt pretensioners (front)	S
Seat belt pretensioners (rear outboard)	N/A
Intelligent seat belt reminder (driver)	X
Intelligent seat belt reminder (front passenger)	X
Intelligent seat belt reminder (2 <sup>nd</sup> row seats)	N/A
Intelligent seat belt reminder (3 <sup>rd</sup> row seats)	N/A
Airbag - Frontal (driver)	S
Airbag - Frontal (passenger)	S
Airbag - Side, chest protection (front seats)	S
Airbag - Side, chest protection (2 <sup>nd</sup> row seats)	N/A
Airbag - Side, head protection (front seats)	X
Airbag - Side, head protection (2 <sup>nd</sup> row seats)	N/A
Airbag - Side, head protection (3 <sup>rd</sup> row seats)	N/A
Airbag - Knee (driver)	X
Airbag - Knee (front passenger)	X
Head restraints for all seats	X
Adaptive cruise control (ACC)	X
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	X
- Interurban	X
- Vulnerable road user	X
Automatic headlights	X
Automatic high beam	X
Blind spot monitoring (BSM)	X
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	X
Fatigue reminder	X
Lane support system (LSS)	X
Daytime running lights (DRL)	X
Hill launch assist	X
Reversing collision avoidance	O
Speed assistance - automatic / intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting	X
Speed assistance - speed sign recognition & warning	X
Tyre pressure monitoring system (TPMS)	X

**S** = Standard on all variants.  
**O** = Optional on base variant. May be standard on higher variants.  
**V** = Not available on base variant but standard or optional on higher variants.  
**X** = Not available on any variant.  
**E** = Available in Europe but not available on any Australasian variant.

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

# ANCAP Safety Rating

## HYUNDAI iLOAD (Jun 2017 - onwards)



### Injury Values & Measurements.

Body Region	Frontal offset test at 64 km/h (v4.1)		Side impact test at 50 km/h (v4.1)	
	Driver	Passenger	Driver	
<b>Head</b>				
HIC	402.00	121.00	HIGH-SEAT VEHICLE DEFAULT SCORE AWARDED	
Acceleration (g for 3ms)	51.60	35.50		
<b>Neck</b>				
Shear (kN)		0.74		
Tension (kN)		1.59		
Extension (Nm)		39.60		
<b>Chest</b>				
Acceleration (g for 3ms)	-	-		
Compression (mm)	34.33	25.55		
Viscous criterion (m/s)	0.28	0.18		
<b>Abdomen</b>				
Force (kN)	-	-		
<b>Pelvis</b>				
Force (kN)	-	-		
<b>Upper legs</b>				
Femur force left (kN)	0.62	0.20		
Femur force right (kN)	4.36	1.77		
Knee displacement left (mm)	0.83	2.31		
Knee displacement right (mm)	1.75	2.71		
<b>Lower legs</b>				
Force left (kN)	2.40	1.49		
Force right (kN)	1.08	1.61		
Index (upper / lower) left	0.33 / 0.57	0.27 / 0.20		
Index (upper / lower) right	0.30 / 0.62	0.37 / 0.32		
<b>Intrusion Measurements</b>				
<b>Steering column</b>				
Forward (mm)	28			
Upward (mm)	-14			
Sideways (mm)	12			
<b>Pedals</b>				
Brake - rearward (mm)	96			
Clutch - upward (mm)	-18			
<b>A-Pillar</b>				
Rearward (mm)	4			

\* **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 extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ **Rating Year:** The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

### Assessment Details.

Tested Make / Model	HYUNDAI iLoad Van 2.4
Tested Vehicle(s) Built	2009
Tested Body Type	Van
Tested Vehicle Kerb Weight	1940 kg
Tested Vehicle Engine	2.4 litre petrol
Tested By	ANCAP
Assessed By	ANCAP
Document Reference	ILOAD09
Document Created / Revised	17 August 2017
Rating Published	August 2017
Rating Updated	n/a



Frontal offset test at 64km/h