# **LDV MIFA**

NOVEMBER 2022 - ONWARDS SEVEN SEAT VARIANTS





RATING YEAR 2022 VEHICLE TYPE People Mover

Petrol

BUILT FROM ON SALE FROM

**ENGINE TYPE** 

November 2022 November 2022

SERIES AIRBAGS SPX1A

Dual frontal, side chest, side head, centre

The LDV MIFA was introduced in Australia in November 2022. The ANCAP safety rating for the LDV MIFA is based on testing of the LDV MIFA 9 battery electric vehicle. ANCAP was provided with technical information from LDV to show that the test results of the MIFA 9 are also applicable to seven seat petrol MIFA variants. This ANCAP safety rating applies to seven seat MIFA variants. Eight seat MIFA variants are unrated.

Dual frontal, side chest-protecting and side head-protecting airbags are standard. A centre airbag which provides added protection to front seat occupants in side impact crashes is also standard.

Autonomous emergency braking (Car-to-Car, Vulnerable Road User, Junction Assist and Backover) as well as a lane support system with lane keep assist (LKA), lane departure warning (LDW) and emergency lane keeping (ELK) and an advanced speed assistance system (SAS) are standard equipment.









90%

SAFETY

# **RATING APPLICABILITY**

VARIANT	BODY TYPE	ENGINE	DRIVETRAIN	AUS	NZ
LDV MIFA (7 seat)	People Mover	2.0 litre petrol	2WD	$\checkmark$	-
LDV MIFA (8 seat)	People Mover	2.0 litre petrol	2WD	×	-



The passenger compartment remained stable in the frontal offset (MPDB) test. Dummy readings indicated ADEQUATE protection for the driver's chest. Protection was GOOD for all other critical body regions of the driver and front passenger.

The front structure presented a lower risk to occupants of an oncoming vehicle in the MPDB test (which evaluates vehicle-to-vehicle compatibility), and a 0.46 point penalty was applied.

In the full width frontal test, protection was GOOD for all critical body regions of both the driver and rear passenger, and full points were scored.

In the side impact test protection of all critical body areas for the driver was GOOD and the vehicle scored maximum points. In the oblique pole test, protection of the driver chest was MARGINAL and all other critical body regions were assessed as GOOD.

The LDV MIFA 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. Prevention of excursion (movement towards the other side of the vehicle) in the far side impact tests was assessed as GOOD for the vehicle-to-vehicle impact scenario and ADEQUATE for the vehicle-to-pole scenario.

# FRONTAL OFFSET (MPDB) (50km/h)



#### DRIVER

Head / neck:	4.00 pts
Chest:	3.70 pts
Upper legs:	4.00 pts
Lower legs:	4.00 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: -0.46 pts\*

# 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:	4.00 pts
Chest:	4.00 pts
Upper legs:	4.00 pts
Deductions:	Nil

#### **RESCUE & EXTRICATION**

Rescue Sheet		No penalty
Door Opening / Extrication		No penalty
Multi-Collision Braking	×	Not available
Advanced eCall	×	1.00 pt default

<sup>\*</sup> Result reflects the official scoring of the tested model (LDV MIFA 9 battery electric). Information provided by LDV shows that a slightly higher compatibility penalty would apply to petrol vehicles, however this does not affect the overall star rating.

# A Rescue Sheet, providing information for first responders in the event of a crash is available. A multi-collision braking system is not fitted.

FRONTAL OFFSET (MPDB)#	7.62	(out of 8)	
FULL WIDTH FRONTAL#	8.00	(out of 8)	
SIDE IMPACT#	6.00	(out of 6)	
OBLIQUE POLE#	5.43	(out of 6)	
WHIPLASH PROTECTION	3.98	(out of 4)	
FAR SIDE IMPACT	3.50	(out of 4)	
<b>RESCUE &amp; EXTRICATION</b>	1.00	(out of 2)	

<sup>#</sup>Scaled scores. Total test scored out of 16.00 points.

#### 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:	2.48 pts
Abdomen:	4.00 pts
Pelvis:	4.00 pts
Deductions:	Nil

## **FAR SIDE IMPACT**







# SIDE IMPACT (MDB)

Head:	4.00 pts
Neck:	3.73 pts
Chest & Abdomen:	
Pelvis <sup>.</sup>	No penalty

#### **OBLIQUE POLE**

Head:	3.00 pts
Neck:	1.28 pts
Chest & Abdomen:	3.00 pts
Pelvis:	No penalty

#### OCCUPANT-TO-OCCUPANT

Head contact: No penalty

# WHIPLASH (REAR IMPACT) PROTECTION



Driver / front passenger: 2.98 pts Rear passenger: 1.00 pts



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 LDV MIFA is fitted with lower ISOFix anchorages and top tether anchorages for the outboard seats of the second row and the left seat of the third row.

Installation of typical child restraints available in Australia and New Zealand showed most child restraints could be accommodated in most rear seating positions, though the selected Type A capsule could not be correctly installed in the third row, and one of the selected convertible seats could not be correctly installed in the third seating position using the ISOfix anchorage for either forward or rearward facing installation.

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

# Left side only.



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.



# **CHILD RESTRAINT INSTALLATION\***

CHILD RESTRAINT (CRS) TYPE^		FRONT ROW 2nd ROW				3rd ROW			
	CHIED RESTRAINT (CRS) TITE		PASSENGER	LEFT	CENTRE	RIGHT	LEFT	CENTRE	RIGHT
		Rearward facing capsule	×		-			×	×
	TYPE A	Rearward facing with harness - convertible (Model A)	×		-			×	×
۵		Rearward facing with harness - convertible (Model B)	×	•	-	•	•	×	×
LTED	TVDE D	Forward facing with harness - convertible (Model A)	×	•	-	•	•	×	×
B	TYPE B	Forward facing with harness - convertible (Model B)	×	•	_	•	•	×	×
	TYPE E	Booster - 4 to 8 years	×	•	_	•	•	×	×
	TYPE F	Booster - 4 to 10 years	×	•	-	•	•	×	×
		Rearward facing capsule	×	•	-	•		×	×
×	TYPE A	Rearward facing with harness - convertible (Model A)	×	•	-	•		×	×
ISOFIX	PO	Rearward facing with harness - convertible (Model B)	×	•	-	•	•	×	×
<u>S</u>	TVDE D	Forward facing with harness - convertible (Model A)	×	•	_	•	•	×	×
	TYPE B	Forward facing with harness - convertible (Model B)	×		-	•		×	×

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

<sup>^</sup> 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.

# **VULNERABLE ROAD USER PROTECTION**



The bonnet provided GOOD or ADEQUATE protection to the head of a struck pedestrian over most of its surface, with MARGINAL results around the edge of the bonnet and WEAK and POOR results recorded at the base of the windscreen and on the stiff windscreen pillars.

The bumper provided GOOD protection to pedestrians' legs. Protection of the pelvis was a mix of GOOD, MARGINAL and POOR results

The autonomous emergency braking (AEB) system is capable of detecting and reacting to pedestrians and cyclists. Testing of this system showed GOOD performance in forward test scenarios. The AEB system on the tested vehicle does not react to vulnerable road users in reverse and this function was not tested. GOOD performance was recorded in cyclist test scenarios.

HEAD IMPACTS	13.26 (out of 24)
UPPER LEG IMPACTS	4.64 (out of 6)*
LOWER LEG IMPACTS	6.00 (out of 6)
AEB - Pedestrian (forward)	6.96 (out of 7)
AEB - Pedestrian (backover)	NOT TESTED (out of 2)
AEB - Cyclist	8.73 (out of 9)

# **AUTONOMOUS EMERGENCY BRAKING (PEDESTRIAN, CYCLIST & BACKOVER)**

SYSTEM NAME: Autonomous Warning Braking

TYPE: Autonomous emergency braking with forward collision warning

OPERATIONAL FROM: 8-80 km/h

**DESCRIPTION:** System functions in the daytime and night

AUTONOMOUS EMERGENCY BRAKING - PEDESTRIAN								
	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
TEST SCENARIO	**		•	***		1	- \$	<b>3</b>
PERFORMANCE		-		GOO	- D	-		

# **AUTONOMOUS EMERGENCY BRAKING - CYCLIST** FORWARD FC.W 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 TEST SCENARIO PERFORMANCE GOOD

# PEDESTRIAN IMPACT TEST (40 KM/H)



\* Result reflects the official scoring of the tested model (LDV MIFA 9 battery electric). Information provided by LDV shows that a slightly lower score could be expected for upper leg impacts on petrol vehicles, however this does not affect the overall star rating.

GOOD ADEQUATE MARGINAL WEAK POOR NOT TESTED



The LDV MIFA is fitted with an autonomous emergency braking (AEB) system capable of functioning at highway speeds, a lane support system (LSS) with lane keep assist (LKA) and emergency lane keeping (ELK) functionality, and blind spot monitoring (BSM).

Tests of the AEB (Car-to-Car) system showed GOOD performance with collisions avoided or mitigated in all scenarios, including AEB Junction Assist where the test vehicle can autonomously brake to avoid crashes when turning across the path of an oncoming vehicle.

Tests of LSS functionality showed some GOOD performance, including in the more critical emergency lane keeping test scenarios.

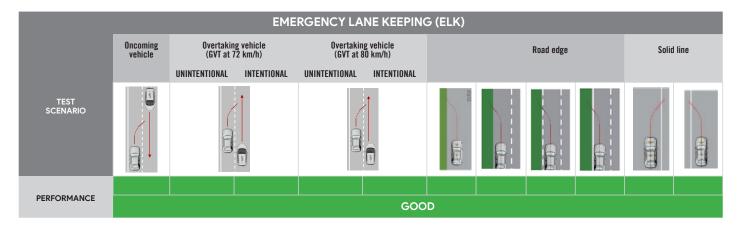
A speed assistance system (SAS) is standard. This system identifies the local speed limit and allows the driver to set the speed accordingly.

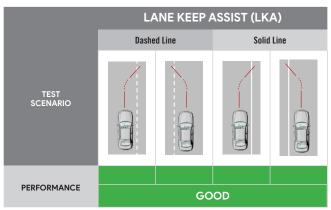
A seatbelt reminder system with occupancy detection is fitted to all seating positions, except the centre seat in the third row. A driver drowsiness monitor system is fitted as standard.

1.60	(out of 2)	
1.00	(out of 1)	
2.58	(out of 3)	
4.00	(out of 4)	
3.26	(out of 4)	
2.00	(out of 2)	
	1.00 2.58 4.00 3.26	1.00 (out of 1) 2.58 (out of 3) 4.00 (out of 4) 3.26 (out of 4)

#### LANE SUPPORT SYSTEMS (LSS)

SYSTEM NAME: Lane Keep Assistant OPERATIONAL FROM: 60-130 km/h









# **AUTONOMOUS EMERGENCY BRAKING (CAR-TO-CAR)**

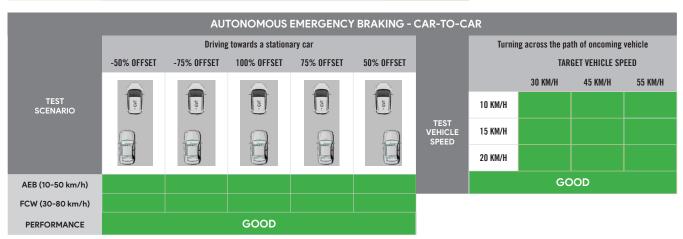
SYSTEM NAME: Autonomous Warning Braking

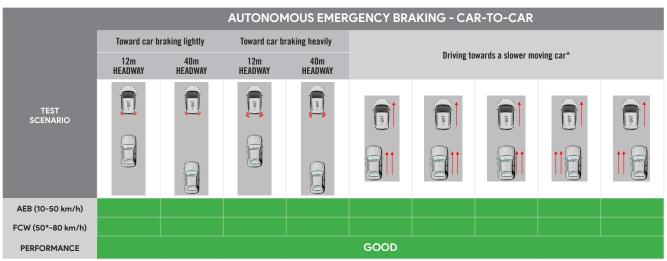
TYPE: Autonomous emergency braking with forward collision warning

OPERATIONAL FROM: 8-180 km/h

DESCRIPTION: Defaults ON for every journey

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





#### **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	Camera only
Speed Limitation Function	System advised

# Except third row centre seating position.

PASS • FAIL × NOT AVAILABLE - NOT APPLICABLE

GOOD ADEQUATE MARGINAL WEAK POOR NOT TESTED

# **SAFETY FEATURES & TECHNOLOGIES**

	AVAILA	BILITY
FEATURE / TECHNOLOGY~	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	×	X
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)		•
Airbarg - frontal (passenger)		
Airbags - side, chest protection (front seats)	•	•
Airbags - side, chest protection (2nd row seats) Airbags - side, chest protection (3rd row seats)	×	×
Airbags - side, chest protection (std row seats)  Airbags - side, head protection (front seats)	×	<u> </u>
Airbags - side, head protection (nont seats)		
Airbags - side, head protection (2nd 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		
Autonomous emergency braking (AEB) - Junction Assist		
Automatic emergency call (eCall)	×	X
Blind spot monitor (BSM)	•	•
Child presence alert	X	×
Electronic brakeforce distribution (EBD)	•	•
Event 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)	×	X
Roll stability system		
Secondary / multi-collision brake	×	×
Speed assistance - auto / intelligent speed limiter		
Speed assistance - manual speed limiter	X	×
Speed assistance - speed sign recognition & warning		•
Smart (intelligent) key	X	×
Vehicle-to-infrastructure communication (V2I)	X	X
Vehicle-to-vehicle communication (V2V)	×	×

TESTED MAKE / MODEL
TESTED VEHICLE(S) BUILT
TESTED BODY TYPE
TESTED VEHICLE ENGINE
RATING PUBLISHED
RATING UPDATED

Maxu
2022
People
Pe

Maxus MIFA 9 LHD 2022 People Mover Battery Electric December 2022 February 2025

#### 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 third row centre seating position.
- STANDARD OPTIONAL × NOT AVAILABLE
- NOT AVAILABLE ON BASE VARIANT BUT STANDARD OR OPTIONAL ON HIGHER VARIANTS