

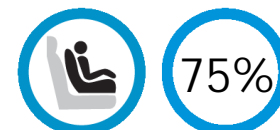
Dacia Logan MCV

Dacia Logan MCV 1.5 diesel Base, LHD

2014



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Dacia Logan MCV 1.5 diesel Base, LHD
Body type	5 door wagon
Year of publication	2014
Kerb weight	1216kg
VIN from which rating applies	applies to all Logan MCV of the specification tested

SAFETY EQUIPMENT

Frontal airbags	Driver (Single Stage), Passenger (Dual Stage)
Pre-tensioners	None
Load-limiters	Driver, Passenger, Rear
Knee airbags	None
Side airbags	Head (front only), Thorax (front only)
Front head restraints	Passive
Passenger airbag switch	Manual switch
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	None,
Seatbelt Reminder	Driver, Passenger
Electronic Stability Control	ESP, Standard, Always On
Speed Assistance Systems	Optional (not meeting fitment requirements)
Lane Support	Not available
Autonomous Braking	None, Not Available

Safety equipment is standard across the model range unless stated otherwise

ADULT OCCUPANT

Total 22 pts | 57%

CRASH TEST PERFORMANCE

FRONT OFFSET

8,3 pts



Driver



Passenger

SIDE CAR

7,2 pts

SIDE POLE

5,4 pts



Side car



Side pole

WHIPLASH PROTECTION

FRONT, REAR SEATS

1,1 pts



Front seats



Rear seats

FRONT OFFSET

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	unstable
Windscreen Pillar rearward	65mm
Steering wheel rearward	1mm
Steering wheel upward	35mm
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	Steering column; fuse box, bracket behind facia
Concentrated loads on knees	Steering column; fuse box behind facia

LOWER LEGS AND FEET

Footwell Collapse	rupture
Rearward pedal movement	Clutch - 144mm
Upward pedal movement	none

SIDE

Head protection airbag	Yes
Chest protection airbag	Yes

HEAD RESTRAINT

Seat description	Base, cloth, 4 way manual
Head restraint type	Passive
Front geometric assessment	1,9 pts

TESTS

- High severity	1,2 pts
- Medium severity	1,7 pts
- Low severity	1 pts

AEB CITY

0 pts

System name	Not applicable
Fitment	Not available



CHILD OCCUPANT

Total 37 pts | 75%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Römer BabySafe + ISOFIX Base
Facing rearward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint Römer Duo Plus
Facing forward facing
Installation ISOFIX and TopTether



PERFORMANCE **9,1 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load fair

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

Safety features score **4 pts**
Installation check score **11,8 pts**

Pass Install without problem
Partial Fail Install with care
Fail Safety critical problem
Exempt Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	Fail	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer BabySafe + ISOFIX Base (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A

SAFETY ASSIST

Total 5 pts | 38%

SPEED ASSISTANCE SYSTEM 0 pts

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

Meets requirements

SEATBELT REMINDER 2 pts

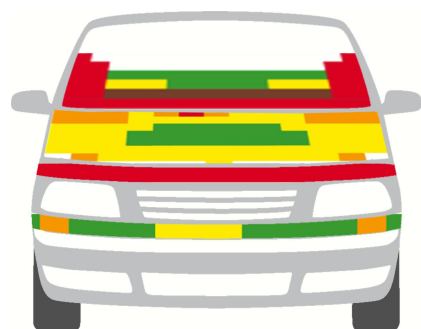
- driver and passenger Pass

- rear Not applicable

LANE SUPPORT SYSTEMS 0 pts

PEDESTRIAN

Total 20 pts | 55%



HEAD	14,8 pts
PELVIS	0 pts
LEG	5,2 pts



COMMENTS

Adult occupant

In the frontal impact test, the passenger compartment suffered extensive deformation and could clearly not withstand any further loading. There was a large fold at the top of the windscreen pillar and the bottom load path through the wheel and sill had lost its integrity, and the car was penalised. This penalty, together with dummy readings of chest compression, resulted in the driver's chest protection being rated as weak. Neither the driver nor the passenger seatbelt has a pretensioner. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. However, structures on the driver's side of the dashboard - steering column, fuse box and brackets - presented a hazard to occupants of different statures and to those sat in different positions, and protection of the knees and femurs was rated as marginal. The rear mounting of the front lower subframe was pushed rearwards in the impact, rupturing the footwell area. Rearward movement of the clutch was 144mm and protection of the driver's feet and ankles was rated as weak. In the side impact, the seat-mounted head/thorax airbag deployed forward of the dummy's head and provided very little protection. While dummy readings were not excessive, a penalty was applied to the head protection in both the side barrier and pole tests owing to the incorrect deployment of the airbag in the side barrier test. In the pole test, dummy readings of rib compression indicated weak chest protection. The driver's seat was pushed sideways and covered the seatbelt buckle, which could not then be released. The seatbelt had to be cut in order to remove the dummy from the car. Tests indicated marginal protection against whiplash injury for the front seat occupants in a rear-end collision. A geometric assessment of the rear seats indicated poor whiplash protection.

Child occupant

Based on dummy readings in the crash tests, the Logan MCV scored maximum points for its protection of the 1½ year dummy. In the frontal impact, forward movement of the 3 year dummy, sat in a forward-facing restraint, was not excessive. However, tensile forces in the neck were high, losing all points, and forces in the chest were marginally so. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. However, the switch to change the airbag status is marked only by a removable label, and the system was not rewarded. All of the restraint types for which the car is designed could be properly installed and accommodated in the car with the exception of the semi-universal Group 0 restraint which uses a support leg. In the rear centre seating position this support leg cannot be properly installed because of the centre tunnel.

Pedestrian

The protection offered by the bumper to pedestrians' legs was predominantly good or adequate. However, the front edge of the bonnet showed poor protection of the pelvis areas in all tests, and scored no points. The protection provided by the bonnet to a pedestrian's head was mainly good or adequate, with poor results recorded on the stiff windscreen pillars.

Safety assist

The Logan MCV has electronic stability control as standard. A seatbelt reminder for the driver and front passenger is also standard but there is no system for the rear seats. The Logan MCV does have a speed assistance system as an option but it is not expected to be fitted to the majority of vehicles sold so it was not included in the assessment. Neither a lane keeping assist system nor autonomous emergency braking are available.