

# Chevrolet Malibu

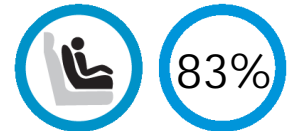
Chevrolet Malibu 2.4 LTZ, LHD

2011



94%

ADULT OCCUPANT



83%

CHILD OCCUPANT



57%

PEDESTRIAN



71%

SAFETY ASSIST

## ADULT OCCUPANT

Total 34 pts | 94%

### FRONTAL IMPACT

15,5 pts



Driver



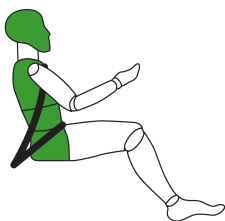
Passenger

### SIDE IMPACT CAR

8 pts

### SIDE IMPACT POLE

7 pts



Car



Pole

### REAR IMPACT (WHIPLASH)

3,3 pts



	GOOD
	ADEQUATE
	MARGINAL
	WEAK
	POOR

### FRONTAL IMPACT

#### HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

#### CHEST

Passenger compartment	stable
Windscreen Pillar rearward	6mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

#### UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

#### LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	accelerator - 4mm
Upward pedal movement	accelerator - 7mm

### SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

### WHIPLASH

Seat description	Leather, 8 way electric
Head restraint type	Reactive
Geometric assessment	1 pts

#### TESTS

- High severity	2,4 pts
- Medium severity	2,5 pts
- Low severity	2,3 pts

## CHILD OCCUPANT

Total 41 pts | 83%

## 18 MONTH OLD CHILD

**Restraint** Britax-Römer Baby Safe Plus  
**Group** 0, 0+  
**Facing** rearward  
**Installation** Adult seatbelt



**PERFORMANCE** 11,1 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 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** Britax-Römer Duo Plus  
**Group** 1  
**Facing** forward  
**Installation** ISOFIX anchorages and top tether



**PERFORMANCE** 11,6 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 pts

## FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** fair

## SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

## VEHICLE BASED ASSESSMENT

6 pts

## Airbag warning Label

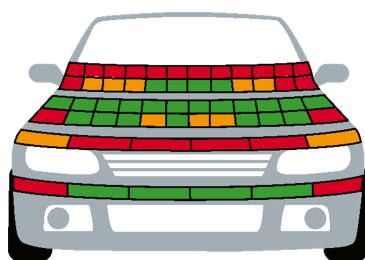
Text and pictogram warning label permanently attached to passenger sun visor

## PEDESTRIAN

Total 20 pts | 57%

## SAFETY ASSIST

Total 5 pts | 71%



**GOOD**  
**MARGINAL**  
**POOR**

**HEAD** 14,7 pts  
**PELVIS** 1,8 pts  
**LEG** 4 pts

## SPEED LIMITATION ASSISTANCE 0 pts

Not assessed

## ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP Pass

Yaw rate ratio (1.00s) 1,52 %

Yaw rate ratio (1.75s) 4,95 %

Lateral displacement (1.07s) 3,09 m

## SEATBELT REMINDER 2 pts

- driver Pass

- passenger Pass

- rear Not assessed

## DETAILS OF TESTED CAR

### SPECIFICATIONS

Tested model	Chevrolet Malibu 2.4 LTZ, LHD
Body type	4 door saloon
Year of publication	2011
Kerb weight	1605kg
VIN from which rating applies	applies to all Malibus of the specification tested

### SAFETY EQUIPMENT

Front seatbelt pretensioners	dual pretensioners
Front seatbelt load limiters	
Driver frontal airbag	dual stage
Front passenger frontal airbag	dual stage
Side body airbags	
Side head airbags	
Electronic Stability Control	
Seatbelt Reminder	driver and front passenger seat

## COMMENTS

### Adult occupant

In the frontal test, the passenger compartment remained stable. Maximum points were scored for protection of the driver, all body areas being well protected. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Chevrolet showed that a similar level of protection would be provided for occupants of different sizes and to those sat in different positions. In the side barrier impact, the Malibu scored maximum points, with good protection of all body areas. In the more severe side pole test, protection of the abdomen was marginal. The seat and reactive head restraint provided good protection against whiplash injuries in the event of a rear-end collision.

### Child occupant

Forward movement of this dummy, sat in a forward facing restraint, was not excessive. In the side impact, both the 3 year and the 18 month dummy were properly restrained by their restraints, minimising the likelihood of dangerous head contact. The passenger airbag can be disabled, allowing a rearward facing child restraint to be used in that seating position. However, the system did not meet Euro NCAP's requirements regarding the clarity of information provided to the driver, and the system was not rewarded. Clear information is provided in the car regarding the danger of using a rearward facing restraint in the passenger seat without first disabling the airbag.

### Pedestrian

The bumper provided good protection in most areas tested but was poor in some. The front edge of the bonnet was predominantly poor. In most areas likely to be struck by a child's head, the bonnet provided good protection but it offered predominantly poor protection in those areas likely to be struck by the head of an adult.

### Safety assist

Electronic stability control is standard equipment across the Malibu range and met Euro NCAP's test requirements. A seatbelt reminder is provided for the driver and front passenger seating positions. A seatbelt reminder is available as an option for the rear seats but did not meet Euro NCAP's fitment requirements for assessment in 2011. A speed limitation device is not available for the Malibu.