

# TEST RESULTS

## Opel/Vauxhall Mokka

Opel Mokka 1.7 diesel 'Enjoy', LHD

2012 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

### ADULT OCCUPANT

Total 35 pts | 96%

#### FRONTAL IMPACT

15,9 pts



Driver



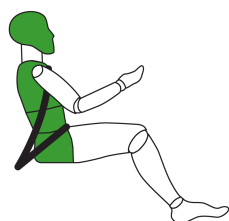
Passenger

#### SIDE IMPACT CAR

8 pts

#### SIDE IMPACT POLE

7,7 pts



Car



Pole

#### REAR IMPACT (WHIPLASH)

3,2 pts



#### FRONTAL IMPACT

##### HEAD

|                          |        |
|--------------------------|--------|
| Driver airbag contact    | stable |
| Passenger airbag contact | stable |

##### CHEST

|                                   |        |
|-----------------------------------|--------|
| Passenger compartment             | stable |
| Windscreen Pillar rearward        | 2mm    |
| 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 | clutch - 38mm |
| Upward pedal movement   | brake - 19mm  |

#### SIDE IMPACT

|                         |     |
|-------------------------|-----|
| Head protection airbag  | Yes |
| Chest protection airbag | Yes |

#### WHIPLASH

|                      |                              |
|----------------------|------------------------------|
| Seat description     | Standard cloth, 4 way manual |
| Head restraint type  | Passive                      |
| Geometric assessment | 1 pts                        |

#### TESTS

|                   |         |
|-------------------|---------|
| - High severity   | 2,2 pts |
| - Medium severity | 2 pts   |
| - Low severity    | 2,4 pts |

# TEST RESULTS

## CHILD OCCUPANT

Total 44 pts | 90%

### 18 MONTH OLD CHILD

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



**PERFORMANCE** 10,9 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

### 3 YEAR OLD CHILD

**Restraint** Britax Romer Duo plus  
**Group** 1  
**Facing** forward  
**Installation** ISOFIX anchorages and top tether



**PERFORMANCE** 12 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

### VEHICLE BASED ASSESSMENT

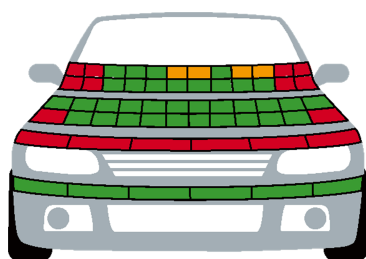
9 pts

### Airbag warning Label

Text and pictogram label on both sides of passenger sun visor

## PEDESTRIAN

Total 24 pts | 67%



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

**HEAD** 18 pts  
**PELVIS** 0 pts  
**LEG** 6 pts

## SAFETY ASSIST

Total 7 pts | 100%

### SPEED LIMITATION ASSISTANCE 1 pts

- active, standard Pass

### ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESC Pass

Yaw rate ratio (1.00s) 4,79 %

Yaw rate ratio (1.75s) 3,54 %

Lateral displacement (1.07s) 2,77 m

### SEATBELT REMINDER 3 pts

- driver Pass

- passenger Pass

- rear Pass

## DETAILS OF TESTED CAR

### SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Tested model</b>                  | Opel Mokka 1.7 diesel 'Enjoy', LHD                |
| <b>Body type</b>                     | 5 door hatchback                                  |
| <b>Year of publication</b>           | 2012  |
| <b>Kerb weight</b>                   | 1433kg  |
| <b>VIN from which rating applies</b> | applies to all Mokkas of the specification tested |

### SAFETY EQUIPMENT

|                                       |                            |
|---------------------------------------|----------------------------|
| <b>Front seatbelt pretensioners</b>   |                            |
| <b>Front seatbelt load limiters</b>   |                            |
| <b>Driver frontal airbag</b>          |                            |
| <b>Front passenger frontal airbag</b> |                            |
| <b>Side body airbags</b>              |                            |
| <b>Side head airbags</b>              |                            |
| <b>Speed Limitation Assistance</b>    | Active                     |
| <b>Electronic Stability Control</b>   | ESC                        |
| <b>Seatbelt Reminder</b>              | Driver, passenger and rear |

## COMMENTS

### Adult occupant

The passenger compartment of the Mokka remained stable in the frontal impact. Protection of the passenger dummy was good for all parts of the body. Dummy readings indicated good protection of the knees and femurs of the front seat passengers. Opel showed that a similar level of protection would be available to occupants of different sizes and to those sat in different positions. The Mokka scored maximum points in the side barrier test, with good protection of all body regions. In the more severe side pole impact, protection of the chest was adequate and that of the head, abdomen and pelvis was good. The seat and head restraint provided good protection against whiplash injury in the event of a rear-end impact.

### Child occupant

The Mokka scored maximum points based on readings from the 3 year dummy in the dynamic tests. In the frontal impact, forward movement of the head of the 3 year dummy, sat in a forward facing restraint, was not excessive. In the side impact, both dummies were properly contained by the protective shells of their restraints, minimising the risk of head contact with parts of the car's interior. The passenger airbag can be disabled to allow a rearward-facing restraint to be used in the front passenger seat. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. The dangers of using a rearward-facing restraint in that seating positions without first disabling the airbag is clearly and permanently indicated.

### Pedestrian

The bumper scored maximum points, providing good protection to pedestrians' legs. However, the protection offered by the front edge of the bonnet was poor in all areas tested. In most areas likely to be struck by the head of a child, the bonnet provided good protection. In those areas likely to be struck by an adult's head, protection was good in some areas but poor or marginal in others.

### Safety assist

Electronic stability control is standard equipment on the Mokka and met Euro NCAP's test requirements. There is a standard-fit seatbelt reminder on the driver, front passenger and rear seats. The Mokka also has a driver-set active speed limitation device as standard equipment and the Mokka scored maximum points for Safety Assist.