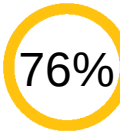


# Mazda CX7

Mazda CX-7 2.2 diesel, RHD

2010



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

## ADULT OCCUPANT

Total 27 pts | 76%

### FRONTAL IMPACT

13,7 pts



Driver



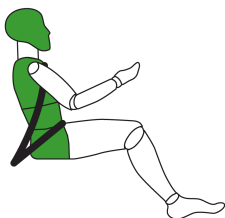
Passenger

### SIDE IMPACT CAR

8 pts

### SIDE IMPACT POLE

5,8 pts



Car



Pole

### REAR IMPACT (WHIPLASH)

0 pts



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

### FRONTAL IMPACT

#### HEAD

Driver airbag contact stable

Passenger airbag contact stable

#### CHEST

Passenger compartment stable

Windscreen Pillar rearward 8mm

Steering wheel rearward none

Steering wheel upward none

Chest contact with steering wheel none

#### UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard yes: steering column; facia - near centre console and around fusebox; glovebox lid

Concentrated loads on knees yes: steering column; facia - near centre console and around fusebox; glovebox lid

#### LOWER LEGS AND FEET

Footwell Collapse none

Rearward pedal movement clutch - 81mm

Upward pedal movement none

### SIDE IMPACT

Head protection airbag Yes

Chest protection airbag Yes

### WHIPLASH

Seat description Standard, leather 6 way electric

Head restraint type Passive

Geometric assessment -0,5 pts

#### TESTS

- High severity 0 pts

- Medium severity 0 pts

|                |       |
|----------------|-------|
| - Low severity | 0 pts |
|----------------|-------|

## CHILD OCCUPANT

Total 39 pts | 79%

## 18 MONTH OLD CHILD

**Restraint** Britax Römer Baby Safe ISOFIX Plus  
**Group** 0, 0+  
**Facing** rearward  
**Installation** ISOFIX anchorages



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

## 3 YEAR OLD CHILD

**Restraint** Britax Römer Duo Plus Universal  
**Group** 1  
**Facing** forward  
**Installation** ISOFIX anchorages



PERFORMANCE **11,7 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

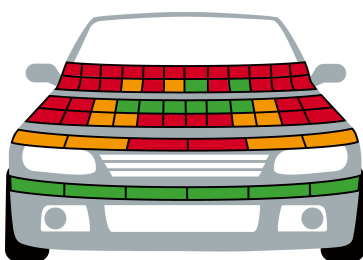
3 pts

## Airbag warning Label

Pictogram on B-pillar. Text label on driver's sun visor, visible in stowed position only.

## PEDESTRIAN

Total 16 pts | 43%



GOOD  
 MARGINAL  
 POOR

HEAD 6,5 pts  
 PELVIS 3,1 pts  
 LEG 6 pts

## SAFETY ASSIST

Total 5 pts | 71%

## SPEED LIMITATION ASSISTANCE 0 pts

- 0, not available

## ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- standard

## SEATBELT REMINDER 2 pts

- driver 1 pts  
 - passenger 1 pts

## DETAILS OF TESTED CAR

### SPECIFICATIONS

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Tested model                  | Mazda CX-7 2.2 diesel, RHD                       |
| Body type                     | 5 door SUV                                       |
| Year of publication           | 2010                                             |
| Kerb weight                   | 1865kg                                           |
| VIN from which rating applies | applies to all CX-7s of the specification tested |

### SAFETY EQUIPMENT

|                                |              |
|--------------------------------|--------------|
| Front seatbelt pretensioners   |              |
| Front seatbelt load limiters   |              |
| Driver frontal airbag          | single stage |
| Front passenger frontal airbag | single stage |
| Side body airbags              |              |
| Side head airbags              |              |

## COMMENTS

### Adult occupant

The passenger compartment remained stable in the frontal impact. The driver and passenger were well protected in most areas but structures in the dashboard posed a risk of injury to the knees and femurs of both front seat passengers. In the side barrier test, the CX-7 scored maximum points. In the more severe side pole test, dummy readings of rib deflections indicated weak protection of the chest. The seat and head restraint provided poor protection against whiplash injuries in a rear-end collision.

### Child occupant

Based on dummy readings in the frontal and side impact tests, the CX-7 scored maximum points for its protection of the 18 month dummy. Forward movement of the head of the 3 year dummy, sat in a forward facing seat, was not excessive. In the side impact, both child dummies were properly contained by their respective restraints. The passenger airbag cannot be disabled to allow a rearward facing child restraint to be used in that seating position and the label warning of the dangers of doing so is not sufficiently clear.

### Pedestrian

While the bumper scored maximum points for its protection of pedestrians' legs, the bonnet provided predominantly poor protection in the areas likely to be struck by an adult's head.

### Safety assist

Electronic stability control is standard equipment on the CX-7, along with a seatbelt reminder system for the driver and front passenger seats.