

Mazda CX7

Mazda CX-7 2.2 diesel, RHD

2010



76%

ADULT OCCUPANT



79%

CHILD OCCUPANT



43%

PEDESTRIAN



71%

SAFETY ASSIST

ADULT OCCUPANT

Total 27 pts | 76%

FRONTAL IMPACT

13,7 pts



Driver



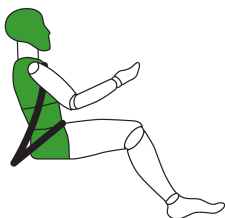
Passenger

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
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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

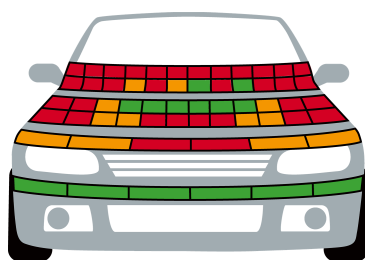
Pictogram on B-pillar. Text label on driver's sun visor, visible in stowed position only.

PEDESTRIAN

Total 16 pts | 43%

SAFETY ASSIST

Total 5 pts | 71%



GOOD
 MARGINAL
 POOR

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

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.