

Mazda 6

Mazda 6 2.0 petrol Exclusive/Active/TS, RHD

2009



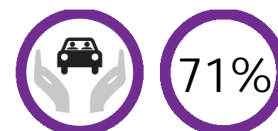
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 28 pts | 77%

FRONTAL IMPACT

12,3 pts



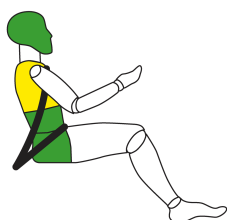
Driver



Passenger

SIDE IMPACT CAR

7,7 pts



Car

REAR IMPACT (WHIPLASH)

2,1 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	12mm
Steering wheel upward	52mm
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	yes: steering column and shroud; facia in region close to console; glovebox lid.
Concentrated loads on knees	yes: facia in region close to console; glovebox lid

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	clutch - 121mm
Upward pedal movement	none

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard, cloth trim
Head restraint type	Passive
Geometric assessment	-0,2 pts

TESTS

- High severity	2,4 pts
- Medium severity	1,7 pts
- Low severity	1,8 pts

CHILD OCCUPANT

Total 40 pts | 81%

18 MONTH OLD CHILD

Restraint Britax Romer Duo ISOFIX Plus
Group 0, 0+
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE **11,9 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 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

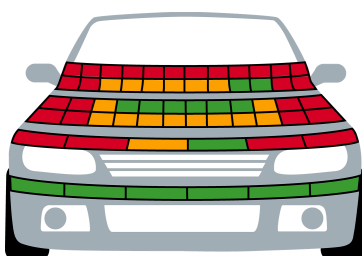
4 pts

Airbag warning Label

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

PEDESTRIAN

Total 18 pts | 49%



■ GOOD
■ MARGINAL
■ POOR

HEAD 10,1 pts
 PELVIS 1,5 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 6 2.0 petrol Exclusive/Active/TS, RHD
Body type	5 door hatchback
Year of publication	2009
Kerb weight	1424kg
VIN from which rating applies	JMZGH14F601153165

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

In the frontal impact, the passenger compartment remained stable despite some separation of the facia cross-beam from the A-pillar. The steering column, the column shroud and the facia in the region of the centre console posed a potential threat of injury to the driver's knees as did the glove box lid to the passenger.

Protection of the chest in the side pole impact was rated as poor, owing to the extent to which the ribs were deflected. In the side impact, the car provided adequate protection to the chest and good protection to the other body areas assessed.

Protection against whiplash injury was rated as marginal.

Child occupant

The Mazda 6 scored maximum points for protection of the 3 year old, based on the dummy responses in the dynamic tests and lost only a fraction of a point for the 1½ year old. The passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. However, information provided to the driver about the status of the airbag is not sufficiently clear. The presence of ISOFIX anchorages in the rear outboard seats was not clearly marked.

Pedestrian

The bumper scored maximum points for the protection it offered to pedestrians' legs. The bonnet surface provided mostly poor protection in the area where an adult's head might hit and marginal protection in most of the areas likely to be struck by a child's head.

Safety assist

Electronic Stability Control is fitted as standard equipment on all variants in all countries. The Mazda 6 has a seatbelt reminder system for the driver, passenger and rear seats. However, the system for the rear seats did not meet Euro NCAP's requirements so the car was rewarded for the driver and passenger positions only.