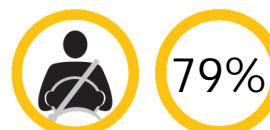


TEST RESULTS

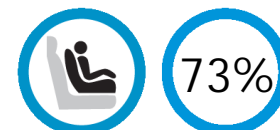
MINI Cooper

MINI Cooper 1.5 Base, RHD

2014



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	MINI Cooper 1.5 Base, RHD
Body type	3 door hatchback
Year of publication	2014
Kerb weight	1085kg
VIN from which rating applies	applies to all MINI Coopers of the specification tested

SAFETY EQUIPMENT

Frontal airbags	Driver (Single Stage), Passenger (Single Stage)
Pre-tensioners	Driver (single), Passenger (single)
Load-limiters	Driver, Passenger
Knee airbags	None
Side airbags	Head (front and rear), Thorax (front only)
Front head restraints	Passive
Passenger airbag switch	None
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	deployable bonnet, Standard
Seatbelt Reminder	Driver, Passenger, Rear
Electronic Stability Control	ESP, Standard, Manual Switch
Speed Assistance Systems	Driver-set speed limitation, Optional (meeting fitment requirements)
Lane Support	Not available
Autonomous Braking	Optional (not meeting fitment requirements)
Other	'Cornering Brake Control'; 'Tyre pressure control'

Safety equipment is standard across the model range unless stated otherwise

ADULT OCCUPANT

Total 30 pts | 79%

CRASH TEST PERFORMANCE

FRONT OFFSET

14,6 pts



Driver



Passenger

SIDE CAR

6,1 pts

SIDE POLE

7,1 pts



Side car



Side pole

WHIPLASH PROTECTION

FRONT, REAR SEATS

2,3 pts



Front seats



Rear seats

FRONT OFFSET

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	18mm
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	Brake - 51.863mm
Upward pedal movement	Brake - 16.702mm

SIDE

Head protection airbag	Yes
Chest protection airbag	Yes

HEAD RESTRAINT

Seat description	Standard cloth, 6 way manual
Head restraint type	Passive
Front geometric assessment	1,7 pts

TESTS

- High severity	1,6 pts
- Medium severity	2,7 pts
- Low severity	2,6 pts

AEB CITY

0 pts

System name	Not applicable
Fitment	Optional (not meeting fitment requirements)



CHILD OCCUPANT

Total 36 pts | 73%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Takata Mini
Facing rearward facing
Installation Adult seatbelt



PERFORMANCE **10,4 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 Römer Duo Plus
Facing forward facing
Installation ISOFIX and TopTether



PERFORMANCE **11 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load fair

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

Safety features score **4 pts**
Installation check score **10,8 pts**

Pass Install without problem
Partial Fail Install with care
Fail Safety critical problem
Exempt Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	N/A	P Fail	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	N/A	P Fail	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Pass	Pass	N/A	P Fail	N/A	N/A	N/A
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Exempt	N/A	Exempt	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Takata Mini (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A

SAFETY ASSIST

Total 7 pts | 56%

SPEED ASSISTANCE SYSTEM 1,3 pts

Optional (meeting fitment requirements)	
Speed Information	Not applicable
Speed Assistance (Manual)	Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP	Meets requirements
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SEATBELT REMINDER 3 pts

- driver and passenger	Pass
- rear	Pass

LANE SUPPORT SYSTEMS 0 pts

Not available	0
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PEDESTRIAN

Total 24 pts | 66%



HEAD	18,1 pts
PELVIS	0 pts
LEG	6 pts



COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. MINI showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions, whose knees might strike the dashboard at a different location to that seen in the test. In the side barrier test, forces were transmitted to parts of the dummy which are not representative of a human body, reducing the load on the ribs. These forces resulted in the maximum penalty being applied to the chest score and the assessment being downgraded from good to marginal. Loads on the abdomen also indicated marginal protection. In the pole test, protection of the chest and abdomen was rated as adequate. Tests on the front seats and head restraints revealed good protection against whiplash injury in the event of a rear-end collision, while a geometric assessment of the rear seats indicated that the protection there would also be good. An autonomous emergency braking system is available which works at low, city-type speeds. As it is an option, it was not included in the assessment.

Child occupant

In the frontal impact, decelerations in the chest of the 1½ year dummy were marginally high, despite the dummy being sat in a rearward-facing restraint. Forward movement of the head of the 3 year dummy, sat in a forward-facing restraint, was not excessive but forces in the chest and neck were also marginally high. The front passenger airbag can be disabled to allow a rearward-facing restraint to be used in that seating position. However, no information is provided to the driver if the airbag is still armed and unsafe for a child restraint, and the system was not rewarded. All of the child restraints for which the car is designed could be installed and accommodated, except for the Group 0+ restraint used for the assessment (Maxi-Cosi Cabriofix). While this restraint could be properly accommodated in the car, installation in the rear passenger seat was difficult. Height adjustment is an option on the front passenger seat and, without this, installing the restraint in the rear requires more actions than Euro NCAP considers suitable, and zero points were awarded.

Pedestrian

The bumper provided good protection to pedestrians' legs and scored maximum points. However, the front edge of the bonnet was poor at all test locations and scored no points. The MINI has an active bonnet. The system detects when a pedestrian has been struck and uses actuators to raise the bonnet, providing extra clearance to the hard structures in the engine bay. MINI showed that the system worked robustly for a variety of pedestrian statures and over a range of speeds. Accordingly the bonnet was tested in the deployed (raised) position and results were predominantly good or adequate.

Safety assist

Electronic stability control is standard equipment on the MINI, as is a seatbelt reminder for the front and rear seats. A driver-set speed limitation device is an option. As it is expected to be fitted to most cars sold, it was included in the assessment. An autonomous emergency braking system is available as an option but is not expected to be fitted to most of the cars sold, so it was not included in the rating. The MINI does not have a lane assistance system.