

Renault Twingo

Renault Twingo 1.0 'E2', LHD

2014



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Renault Twingo 1.0 'E2', LHD
Body type	5 door hatchback
Year of publication	2014
Kerb weight	945kg
VIN from which rating applies	applies to all Twingos of the specification tested

SAFETY EQUIPMENT

Frontal airbags	Driver (Single Stage), Passenger (Single Stage)
Pre-tensioners	Driver, Passenger
Load-limiters	Driver, Passenger, Rear
Knee airbags	None
Side airbags	Head (front only), Thorax (front only)
Front head restraints	Passive
Passenger airbag switch	Manual switch
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	None,
Seatbelt Reminder	Driver, Passenger, Rear
Electronic Stability Control	ESP, Standard, Always On
Speed Assistance Systems	Driver-set speed limitation, Standard
Lane Support	Optional (not meeting fitment requirements)
Autonomous Braking	None, Not Available
Other	Not applicable

Safety equipment is standard across the model range unless stated otherwise

ADULT OCCUPANT

Total 30 pts | 78%

CRASH TEST PERFORMANCE

FRONT OFFSET

14,5 pts



Driver



Passenger

SIDE CAR

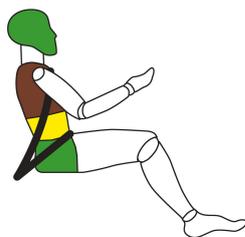
7,5 pts

SIDE POLE

6,2 pts



Side car



Side pole

FRONT OFFSET

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	38mm
Steering wheel rearward	none
Steering wheel upward	6mm
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 - 137mm
Upward pedal movement	Brake - 60mm

SIDE

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH PROTECTION

FRONT, REAR SEATS

1,7 pts



Front seats



Rear seats

HEAD RESTRAINT

Seat description	Standard cloth, 2 way manual
Head restraint type	Passive
Front geometric assessment	2 pts

TESTS

- High severity	2,5 pts
- Medium severity	2,3 pts
- Low severity	2,5 pts

AEB CITY

0 pts

System name	Not applicable
Fitment	Not available



CHILD OCCUPANT

Total 40 pts | 81%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Römer BabySafe + ISOFIX Base
Facing rearward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 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 Römer Duo Plus
Facing forward facing
Installation ISOFIX and TopTether



PERFORMANCE **10 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isofix

Safety features score **6 pts**
Installation check score **12 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	Pass	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	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	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	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Römer BabySafe + ISOFIX Base (ISOFIX)	N/A	Exempt	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

Standard	
Speed Information	Pass
Speed Assistance (Manual)	Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP	Meets requirements
-------	--------------------

SEATBELT REMINDER 3 pts

- driver and passenger	Pass
- rear	Pass

LANE SUPPORT SYSTEMS 0 pts

Optional (not meeting fitment requirements)	0
---	---

PEDESTRIAN

Total 25 pts | 68%



HEAD	15,3 pts
PELVIS	3,2 pts
LEG	6 pts



COMMENTS

Adult occupant

The passenger compartment of the Twingo 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 both the driver and passenger dummy. Renault showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. Rearward movement of the brake pedal led to a marginal rating for protection of the driver's feet and ankles. In the side barrier test, protection of all body regions was good except that of the chest, which was adequate. In the more severe side pole impact, dummy readings of rib deflections indicated weak protection of the chest. Protection against whiplash injuries in a rear-end collision was rated as good for the front seats and poor for the rear.

Child occupant

Based on dummy readings alone, the Twingo scored maximum points for its protection of the 1½ year infant in the crash tests. Forward movement of the 3 year dummy, sat in a forward-facing seat, was not excessive but high tensile forces were recorded in the neck. The passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All of the categories of child restraints for which the car is designed could be properly installed and accommodated by the car.

Pedestrian

The protection provided by the bumper was good, and the car scored maximum points in this area. However, the performance of the front edge of the bonnet was mixed but was predominantly weak or poor. The protection provided by the bonnet surface was mostly marginal or adequate, with some poor results recorded on the stiff windscreen pillars.

Safety assist

The Twingo has a seatbelt reminder system as standard for the front and rear seats. A standard-fit speed assistance system informs the driver of the relevant speed limit and can be set by the driver accordingly. Electronic stability control is also standard. A lane departure warning system is available as an option but was not tested as it is not expected to be sold in sufficient numbers. There is no autonomous braking system on the Twingo.