

Peugeot 108

Tested Model: Toyota Aygo 1 x-play, LHD

2014



80%

ADULT OCCUPANT



80%

CHILD OCCUPANT



62%

PEDESTRIAN



56%

SAFETY ASSIST

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Tested Model: Toyota Aygo 1 x-play, LHD
Body type	5 door hatchback
Year of publication	2014
Kerb weight	874kg
VIN from which rating applies	applies to all 108s 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	switch
ISOFIX anchorages	Rear outboard seats
Integrated child restraint	None
Active Pedestrian Protection	None,
Seatbelt Reminder	Driver, Passenger, Rear
Electronic Stability Control	ESP9, Standard, Manual Switch
Speed Assistance Systems	Driver-set speed limitation, Optional (meeting fitment requirements)
Lane Support	Not available
Autonomous Braking	None, Not Available
Other	Not applicable

Safety equipment is standard across the model range unless stated otherwise

ADULT OCCUPANT

Total 31 pts | 80%

CRASH TEST PERFORMANCE

FRONT OFFSET

12,5 pts



Driver



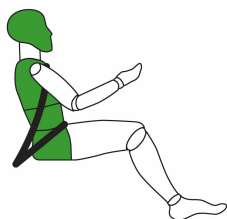
Passenger

SIDE CAR

8 pts

SIDE POLE

7,6 pts



Side car



Side pole

FRONT OFFSET

HEAD

Driver airbag contact stable

Passenger airbag contact stable

CHEST

Passenger compartment stable

Windscreen Pillar rearward 13mm

Steering wheel rearward none

Steering wheel upward none

Chest contact with steering wheel none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard Steering column, ignition barrel; edge of facia/console

Concentrated loads on knees Steering column, ignition barrel; edge of facia/console

LOWER LEGS AND FEET

Footwell Collapse none

Rearward pedal movement Brake - 83mm

Upward pedal movement none

SIDE

Head protection airbag Yes

Chest protection airbag Yes

WHIPLASH PROTECTION

FRONT, REAR SEATS

2,6 pts



Front seats



Rear seats

HEAD RESTRAINT

Seat description Standard fabric, 6 way manual

Head restraint type Passive

Front geometric assessment 2 pts

TESTS

- High severity 2,4 pts

- Medium severity 2,4 pts

- Low severity 2,1 pts

AEB CITY

0 pts

System name Not applicable

Fitment Not available



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

CHILD OCCUPANT

Total 39 pts | 80%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Baby P2C Mini
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

10,5 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



Isofix

Safety features score 5 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	Pass	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	Pass	N/A	Pass	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
Baby P2C Mini (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

Optional (meeting fitment requirements)

Speed Information

Speed Assistance (Manual) Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP9 Meets requirements

SEATBELT REMINDER 3 pts

- driver and passenger Pass

- rear Pass

LANE SUPPORT SYSTEMS 0 pts

Not available

0

PEDESTRIAN

Total 23 pts | 62%



HEAD	16,3 pts
PELVIS	0,2 pts
LEG	6 pts

				
GOOD	ADEQUATE	MARGINAL	WEAK	POOR

COMMENTS

Peugeot have demonstrated that the 108 is identical to the Toyota Aygo in every way likely to influence safety. Therefore, the star rating of the Peugeot 108 is the same as that of the Aygo and the test results of that car are given in this assessment.

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. However, the steering column, ignition barrel and the edge of fascia and console presented a risk of injury to occupants of different sizes and to those sat in different positions. In the side barrier test, the car scored maximum points with good protection of all body areas. In the more severe side pole test, protection of all body areas was good apart from the chest, protection of which was adequate. Protection against whiplash injury in the event of a rear-end collision was rated as good for the front and rear seats.

Child occupant

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

Pedestrian

The bumper scored maximum points for its protection of pedestrians' legs and scored maximum points. However, the front edge of the bonnet was poor in all areas tested. The bonnet surface was predominantly adequate or marginal in its protection of the head of a struck pedestrian. Good results were recorded on the windscreen surface but poor protection was offered by the stiff windscreen pillars.

Safety assist

Electronic stability control is standard as well as a seatbelt reminder system for the front and rear seats. A driver-set speed limitation device is optional but is expected to be sold in sufficient numbers to qualify for assessment in Euro NCAP's tests. There is no lane assist system or autonomous emergency braking.