



**Toyota Aygo**  
With Safety Pack

2017



Adult Occupant



82%

Child Occupant



63%

Pedestrian Impact Protection



64%

Safety Assist



57%

## SPECIFICATION

Tested Model	Toyota Aygo 1.0 x-play, LHD
Safety pack	Toyota Safety Sense
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	910kg
VIN From Which Rating Applies	- JTDKGN60N317420, with 'Toyota Safety Sense'
Class	Supermini

## SAFETY EQUIPMENT

	Driver	Passenger	Rear
<b>FRONTAL CRASH PROTECTION</b>			
Frontal airbag	●	●	✘
Belt pretensioner	●	●	✘
Belt loadlimiter	●	●	✘
Knee airbag	✘	✘	✘
<b>SIDE CRASH PROTECTION</b>			
Side head airbag	●	●	●
Side chest airbag	●	●	✘
Side pelvis airbag	●	●	✘

## SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix	—	✗	●
Integrated CRS	—	✗	✗
Airbag cut-off switch	—	●	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●

OTHER SYSTEMS	
Active Bonnet (Hood)	✗
AEB Pedestrian	✗
AEB City	○
AEB Inter-Urban	○
Speed Assistance System	○
Lane Assist System	○

**Note: Other equipment may be available on the vehicle but was not considered in the test year.**

- Fitted to the vehicle as standard   
 ○ Fitted to the vehicle as part of the safety pack  
○ Not fitted to the test vehicle but available as option or as part of the safety pack   
 ✗ Not available   
 — Not applicable

**ADULT OCCUPANT**

Total 31.3 Pts / 82%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

**Frontal Offset Deformable Barrier** 6.3 Pts

Passenger                      Driver

**Frontal Full Width** 3.8 Pts

Rear Passenger                      Driver

**Whiplash Rear Impact** 2.2 Pts

Front seat                      Rear seat

**Lateral Impact** 16 Pts

Car                      Pole

**AEB City** 2.9

Performance: ■ Good

 ADULT OCCUPANT

Total 31.3 Pts / 82%



 GOOD	 ADEQUATE	 MARGINAL	 WEAK	 POOR
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 ADULT OCCUPANT

Total 31.3 Pts / 82%

## Comments

The passenger compartment of the Aygo remained stable in the frontal offset test. Although dummy readings were good for the knees and femurs of both the driver and passenger, structures in the dashboard were thought to present a risk to occupants of different sizes and to those sat in different positions, so the protection provided to this part of the body was downgraded to marginal. In the full-width rigid barrier test, protection of the head, neck and chest of the rear passenger dummy was rated as poor and no points were scored for this dummy. Protection of the driver dummy in the same test was good or adequate. In both the side barrier impact and the more severe side pole test, protection of all critical parts of the body was good, and the Aygo scored maximum points. Tests on the front seats and head restraints demonstrated good whiplash protection in the event of a rear-end collision. A geometric assessment of the rear seats indicated marginal whiplash protection. The Aygo has an autonomous emergency braking system as part of an option pack. In tests of its functionality at the low speeds at which many whiplash injuries are caused, the system performed well, with collisions avoided or mitigated at all test speeds.

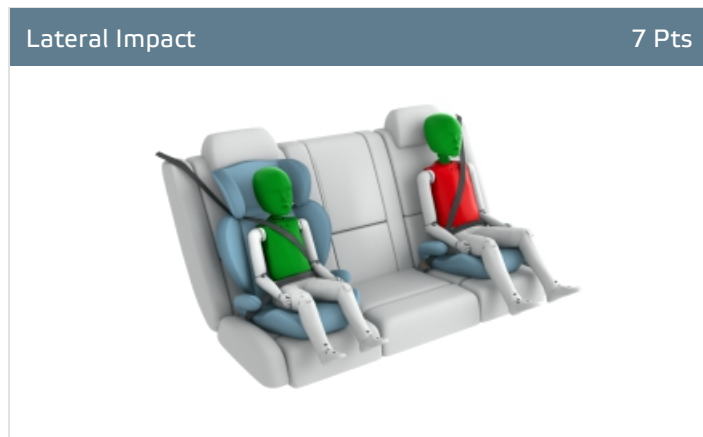
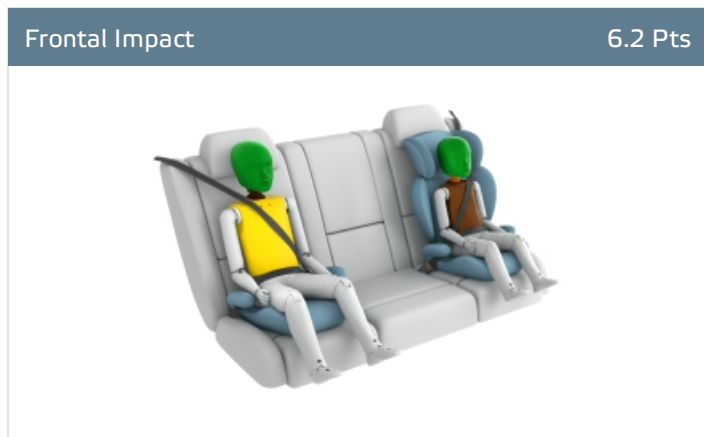
**CHILD OCCUPANT**

Total 31.2 Pts / 63%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

13.2 Pts



Restraint for 6 year old child: *Britax Römer KidFix XP*

Restraint for 10 year old child: *Graco Maxi Junior*

Safety Features

6 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	✗	●	✗
i-Size	✗	●	✗
Integrated CRS	✗	✗	✗

● Fitted to test car as standard   ○ Not on test car but available as option   ✗ Not available

CRS Installation Check

12 Pts

● Install without problem   ○ Install with care   ● Safety critical problem   ✗ Installation not allowed

■ i-Size CRS



**CHILD OCCUPANT**

Total 31.2 Pts / 63%

**ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)



**Universal Belted CRS**

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



## CHILD OCCUPANT

Total 31.2 Pts / 63%

	Seat Position		
	Front	2nd row	
	PASSENGER	LEFT	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	□	●	●
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	□	●	●
BeSafe iZi Kid X2 i-Size (iSize)	□	●	●
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	□	●	●
BeSafe iZi Kid X4 ISOfix (ISOFIX)	□	✘	✘
Britax Römer Duo Plus (ISOFIX)	□	●	●
Britax Römer KidFix XP (ISOFIX)	□	●	●
Maxi Cosi Cabriofix (Belt)	●	●	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	●
Britax Römer King II LS (Belt)	●	●	●
Britax Römer KidFix XP (Belt)	●	●	●

● Install without problem  
 ● Install with care  
 ● Safety critical problem  
 ✘ Installation not allowed

## Comments

In the offset frontal test, protection of the neck of the 10 year dummy was rated as weak, as was that of the chest of the 6 year dummy, based on data recorded by the dummies. In the side barrier test, protection of the chest of the 10 year dummy was poor, based on dummy readings of chest deceleration. The front 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. Cars from VIN JTDKGN60N317420 have revised markings for the top-tethers. All restraint types for which the Aygo is designed could be properly installed and accommodated in the car.

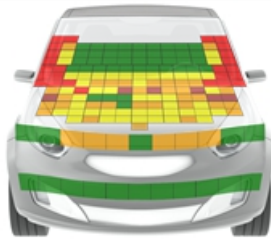


**PEDESTRIAN IMPACT PROTECTION**

Total 27.0 Pts / 64%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

Pedestrian Impact Protection 27 Pts



Head Impact	16.3 Pts
Pelvis Impact	4.7 Pts
Leg Impact	6 Pts

AEB Pedestrian 0 Pts

**Comments**

The protection provided to the head of a struck pedestrian was predominantly adequate or marginal on the bonnet surface, with poor results recorded along the base of the windscreen and on the stiff windscreen pillars. The protection provided to the pelvis was good in some areas and marginal in others, while the bumper provided good protection to pedestrians' legs. The autonomous emergency braking system works only for other cars and does not detect pedestrians.

SAFETY ASSIST

Total 6.9 Pts / 57%

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR

Speed Assistance 0 Pts

Seat Belt Reminder 3 Pts

Applies To	All seats		
	Driver Seat	front passenger(s)	rear passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●

● Pass
 ● Fail
 — Not available

Lane Support 1.5 Pts

System Name	Lane Departure Alert as part of Toyota Safety Sense
Type	Lane Departure Warning
Operational From	50 km/h
Warning	Audible
<b>PERFORMANCE</b>	
LDW Confirmation Test	Pass

 SAFETY ASSIST

Total 6.9 Pts / 57%

## AEB Interurban

2.4 Pts

System Name	Pre-Collision System as part of Toyota Safety Sense
Type	Forward Collision Warning with Auto-Brake
Operational From	10 km/h
Additional Information	Default On

PERFORMANCE | 

	Autobrake Function Only	Driver reacts to warning
Operational Speed	10-80 km/h	15-140 km/h
Approaching a stationary car	See AEB City	Crash avoided up to 65km/h. Crash speed reduced up to 70km/h.
Approaching a slower moving car	Crash avoided up to 65km/h. Crash speed reduced up to 70km/h.	Crash avoided up to 80km/h.
FOLLOWING A CAR AT SHORT DISTANCE		
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Mitigation	Mitigation
FOLLOWING A CAR AT LONG DISTANCE		
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Mitigation	Mitigation

## Comments

A seatbelt reminder is standard for the front and rear seats. The autonomous emergency braking system is part of the option pack. In tests of its performance at highway speeds, the system performed well, with collisions avoided or mitigated at in most test scenarios. A lane departure warning system is also part of the optional safety pack.

## RATING VALIDITY

### Variants of Model Range

Body Type	Engine	Drivetrain	Rating Applies	
			LHD	RHD
5 door hatchback	1.0 petrol*	4 x 2	✓	✓

\* Tested variant

### Annual Reviews and Facelifts

Date	Event	Outcome
	Rating Published	2017  ✓