



Toyota Yaris
Standard Safety Equipment

2017 ★★★★★



Adult Occupant



83%

Child Occupant



80%

Pedestrian



63%

Safety Assist



57%

SPECIFICATION

| | |
|-------------------------------|---------------------|
| Tested Model | Toyota Yaris Hybrid |
| Body Type | - 5 door hatchback |
| Year Of Publication | 2017 |
| Kerb Weight | 1155kg |
| VIN From Which Rating Applies | - |
| Class | Supermini |

SAFETY EQUIPMENT

| | Driver | Passenger | Rear |
|---------------------------------|--------|-----------|------|
| FRONTAL CRASH PROTECTION | | | |
| Frontal airbag | ● | ● | ✗ |
| Belt pretensioner | ● | ● | ● |
| Belt loadlimiter | ● | ● | ● |
| Knee airbag | ● | ✗ | ✗ |
| SIDE CRASH PROTECTION | | | |
| Side head airbag | ● | ● | ● |
| Side chest airbag | ● | ● | ✗ |
| Side pelvis airbag | ● | ● | ✗ |

Version 011217

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 31.7 Pts / 83%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 6 Pts

Passenger Driver

Frontal Full Width 5.8 Pts

Rear Passenger Driver

Whiplash Rear Impact 2.6 Pts

Front seat Rear seat

Lateral Impact 14.3 Pts

Car Pole

AEB City 2.9

Performance: ■ Good

 ADULT OCCUPANT

Total 31.7 Pts / 83%

Comments

The passenger compartment of the Yaris remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. However, structures in the dashboard were thought to present a risk to occupants of different sizes and to those sat in different positions, and protection of this body region was rated as marginal. Protection of the driver's chest was also rated as marginal, based on dummy readings of chest compression. In the full-width rigid barrier test, protection of the driver was good or adequate. However, the pelvis of the rear passenger dummy slipped under the lap section of the seatbelt and protection of the pelvis was rated as poor. In addition, the head moved further forward in the impact than recommended and its protection was rated as marginal even though dummy injury values were not excessive. In the side barrier test, protection of all critical body areas was good and the Yaris scored maximum points. However, in the more severe side pole test, dummy readings indicated marginal protection of the chest and abdomen. Tests on the front seats and head restraints demonstrated good protection against whiplash injury in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The Yaris has, as standard, an autonomous emergency braking system. In tests of its functionality at the low speeds at which many whiplash injuries occur, the system demonstrated good performance, with collisions avoided or mitigated at all test speeds.

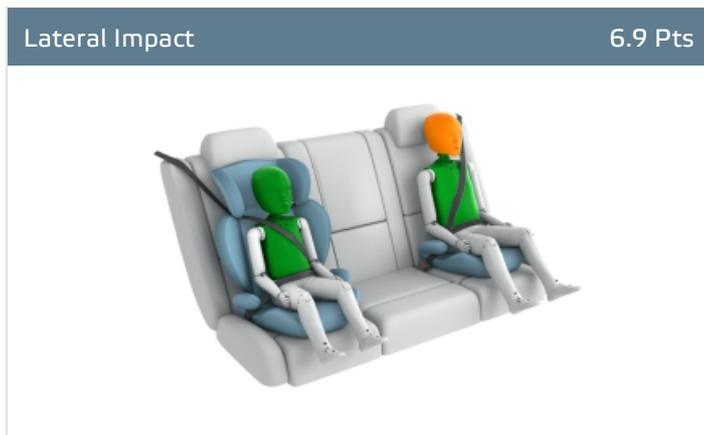
CHILD OCCUPANT

Total 39.5 Pts / 80%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

22.3 Pts



Restraint for 6 year old child: *Römer KidFix XP*
 Restraint for 10 year old child: *Graco 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

11.3 Pts

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

■ i-Size CRS



CHILD OCCUPANT

Total 39.5 Pts / 80%

■ **ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Römer Duo Plus (ISOFIX)



Römer KidFix XP (ISOFIX)



■ **Universal Belted CRS**

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Römer King II LS (Belt)



Römer KidFix XP (Belt)



CHILD OCCUPANT

Total 39.5 Pts / 80%

| | Seat Position | | | |
|---|---------------|---------|--------|-------|
| | Front | 2nd row | | |
| | PASSENGER | LEFT | CENTER | 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) | □ | ● | □ | ● |
| Römer Duo Plus (ISOFIX) | □ | ● | □ | ● |
| Römer KidFix XP (ISOFIX) | □ | ● | □ | ● |
| Maxi Cosi Cabriofix (Belt) | ● | ● | ● | ● |
| Maxi Cosi Cabriofix & EasyBase2 (Belt) | ● | ● | ✘ | ● |
| Römer King II LS (Belt) | ● | ● | ● | ● |
| Römer KidFix XP (Belt) | ● | ● | ● | ● |

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

Comments

In the frontal offset test, protection of both child dummies was good or adequate. In the side barrier test, the curtain airbag did not cover the area needed to provide protection for the head of the 10 year dummy, sat on the struck side. The head contacted the interior trim and recorded deceleration which demonstrated marginal protection for this critical body area. Protection of other critical body areas was good for both child dummies. 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. Installation of the rearward-facing Group 0+ universal restraint in the rear centre seating position was not possible owing to insufficient length of webbing to pass around the shell and buckle the belt. Otherwise, restraints could be properly installed and accommodated in the car.

PEDESTRIAN PROTECTION

Total 26.7 Pts / 63%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

| | | | | | | | |
|-----------------------|---|-------------|----------|---------------|-------|------------|-------|
| Pedestrian Protection | 26.7 Pts | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">16.7 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">4 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table> | Head Impact | 16.7 Pts | Pelvis Impact | 4 Pts | Leg Impact | 6 Pts |
| Head Impact | 16.7 Pts | | | | | | |
| Pelvis Impact | 4 Pts | | | | | | |
| Leg Impact | 6 Pts | | | | | | |

| | |
|----------------|-------|
| AEB Pedestrian | 0 Pts |
|----------------|-------|

Comments

The protection provided to the head of a struck pedestrian was predominantly good or adequate, with poor results recorded on the stiff windscreen pillars. The protection offered to pedestrians' legs was good in all areas tested while that offered to the pelvis was good in some areas and weak in others. The autonomous emergency braking system detects other vehicles but cannot detect vulnerable road users such as pedestrians or cyclists.

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 |
| PERFORMANCE | |
| 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 | 

| | | |
|-----------------------------------|-----------------------------|--|
| Operational Speed | 10-80 Km/h | 15-140 Km/h |
| | Autobrake Function Only | Driver reacts to warning |
| Approaching a stationary car | See AEB City | Crash avoided up to 60km/h. Crash speed reduced up to 65km/h. |
| Approaching a slower moving car | Crash avoided 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

The Yaris has a seatbelt reminder for the front and rear seats. The standard-fit autonomous emergency braking system performed well in tests at highway speeds, with collisions avoided or mitigated in most scenarios. A lane departure warning system is also standard equipment on the Yaris.

RATING VALIDITY

Variants of Model Range

| Body Type | Engine & Transmission | Drivetrain | Rating Applies | |
|------------------|-----------------------|------------|----------------|-----|
| | | | LHD | RHD |
| 3 door hatchback | 1.0 petrol | 4 x 2 | ✓ | ✓ |
| 3 door hatchback | 1.5 petrol | 4 x 2 | ✓ | ✓ |
| 3 door hatchback | 1.4 diesel | 4 x 2 | ✓ | ✓ |
| 5 door hatchback | 1.0 petrol | 4 x 2 | ✓ | ✓ |
| 5 door hatchback | 1.5 petrol | 4 x 2 | ✓ | ✓ |
| 5 door hatchback | 1.4 diesel | 4 x 2 | ✓ | ✓ |
| 5 door hatchback | 1.5 petrol hybrid* | 4 x 2 | ✓ | ✓ |

* Tested variant

Annual Reviews and Facelifts

Date
Event
Outcome
December 2017
Rating Published

2017 ★★★★★
✓