



Toyota Hilux
Standard Safety Equipment

2016



Adult Occupant



85%

Child Occupant



82%

Pedestrian Impact Protection



73%

Safety Assist



25%

SPECIFICATION

Tested Model	Toyota Hilux Double-Cab, 2.4 diesel 4x4, mid grade, LHD
Body Type	- Pickup
Year Of Publication	2016
Kerb Weight	2050kg
VIN From Which Rating Applies	- All Hilux double-cabs
Class	Pick-up

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 300419

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 32.6 Pts / 85%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 6.5 Pts



Passenger



Driver

Frontal Full Width 7.3 Pts




Rear Passenger




Driver

Whiplash Rear Impact 2.7 Pts




Front seat




Rear seat

Lateral Impact 16 Pts



Car



Pole

AEB City 0

Performance:

 ADULT OCCUPANT

Total 32.6 Pts / 85%



 GOOD	 ADEQUATE	 MARGINAL	 WEAK	 POOR
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 ADULT OCCUPANT

Total 32.6 Pts / 85%

Comments

The passenger compartment remained stable in the frontal offset test. Dummy readings showed good protection of the knees and femurs of the driver and passenger. Toyota showed that a similar level of protection would be provided for occupants of different sizes and to those sat in different positions. The driver's airbag was insufficiently inflated to prevent 'bottoming out', and the head contacted the steering wheel through the airbag material. Although dummy readings were not hazardous, the score was penalised and protection rated as adequate. Protection of the passenger dummy was good for all critical body areas. In the full width rigid barrier test, protection was good except for the chest of the front seat driver, protection of which was adequate and the chest of the rear seat passenger, protection of which was marginal. In both the side impact barrier test and the more severe side pole impact, the Hilux scored maximum points with good protection of all critical body regions. Likewise, tests showed that the whiplash protection provided by the front seats and head restraints was good in the event of a rear end collision and a geometric assessment of the rear seats indicated good protection there also. Increased whiplash protection is provided by an autonomous emergency braking system, available as part of the option pack and not included in this assessment.

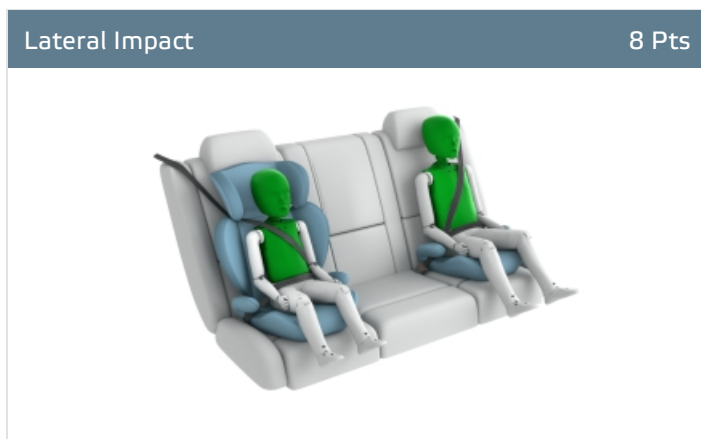
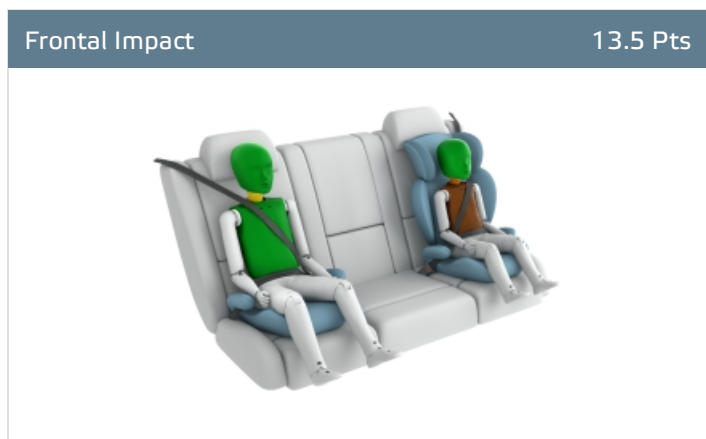
CHILD OCCUPANT

Total 40.3 Pts / 82%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

21.5 Pts



Restraint for 6 year old child: *Toyota KidFix XP SICT*

Restraint for 10 year old child: *Graco Junior*

Safety Features

8 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

10.8 Pts

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

■ **i-Size CRS**



CHILD OCCUPANT

Total 40.3 Pts / 82%

■ **ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X3 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 40.3 Pts / 82%

	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 X1 i-Size (iSize)	✗	●	✗	●
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	✗	●	✗	●
BeSafe iZi Kid X3 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 frontal offset test, neck tension and chest deceleration revealed, respectively, marginal and weak protection for those body areas in the 6 year dummy. Protection of the 10 year dummy was good, apart from adequate protection of the neck, and, in the side impact was good for all critical body areas for both child dummies. The Hilux has an automatic system for disabling the front passenger airbag when, for example, a rearward-facing child restrain is used in that position. The system met Euro NCAP's requirements and was rewarded. All child restraints for which the Hilux is designed could be accommodated. However, the group 1 ISOFIX seat needed care to ensure correct installation and the rear centre seat is deemed unsuitable for child restraints by Toyota, although restraints could be properly installed there.

PEDESTRIAN IMPACT PROTECTION

Total 30.9 Pts / 73%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian Impact Protection	30.9 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;">18.9 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">6 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	18.9 Pts	Pelvis Impact	6 Pts	Leg Impact	6 Pts
Head Impact	18.9 Pts						
Pelvis Impact	6 Pts						
Leg Impact	6 Pts						

AEB Pedestrian	0 Pts
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Comments

The bonnet provided good or adequate head protection over most of its surface, with some poorer results only along the front edge and on the stiff windscreen pillars. Protection provided by the bumper to pedestrians' legs, and the protection provided to the pelvis, was good at all points tested. An autonomous emergency braking system capable of detecting pedestrians is available as an option and its results are not included in this rating.

 SAFETY ASSIST

Total 3 Pts / 25%

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 0 Pts

AEB Interurban 0 Pts



SAFETY ASSIST

Total 3 Pts / 25%

Comments

The Hilux has a seatbelt reminder system as standard, covering the front and rear seats. All other items relevant to Safety Assist are provided in the optional safety pack and are not included in this assessment.

RATING VALIDITY

Annual Reviews and Facelifts

Date	Event	Outcome	
August 2016	Rating Published	2016 	