



**VW Tiguan**  
Standard Safety Equipment

2016



Adult Occupant



96%

Child Occupant



84%

Pedestrian Impact Protection



72%

Safety Assist



68%

## SPECIFICATION

Tested Model	VW Tiguan 2.0 TDI 110 kW, LHD
Body Type	5 door SUV
Year Of Publication	2016
Kerb Weight	1531kg
VIN From Which Rating Applies	- all Tiguan of the specification tested
Class	Small Off-Road

### General comments

The 2016 rating for the VW Tiguan now also covers the three-row Tiguan 'Allspace'. Additional tests have been performed to cover the differences between the two-row base vehicle and the three-row 'Allspace', and the score has been updated accordingly.

## 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	✘	✘	○
<b>CHILD PROTECTION</b>			
Isofix	—	✘	●
Integrated CRS	—	✘	✘
Airbag cut-off switch	—	●	—
<b>SAFETY ASSIST</b>			
Seat Belt Reminder	●	●	●
<b>OTHER SYSTEMS</b>			
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 36.7 Pts / 96%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

**Frontal Offset Deformable Barrier** 7.8 Pts




Passenger                      Driver

**Frontal Full Width** 7.5 Pts



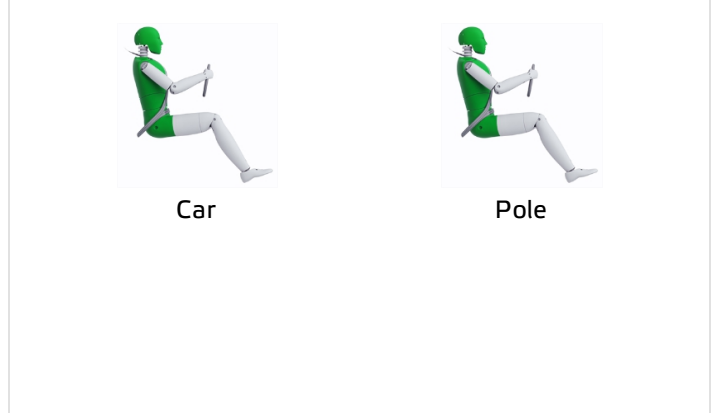
Rear Passenger                      Driver

**Whiplash Rear Impact** 2.4 Pts



Front seat                      Rear seat

**Lateral Impact** 16 Pts



Car                      Pole

**AEB City** 2.9

Performance: ■ Good

 ADULT OCCUPANT

Total 36.7 Pts / 96%



 ADULT OCCUPANT

Total 36.7 Pts / 96%

## Comments

The passenger compartment of the Tiguan remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of both the driver and the passenger. VW showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the full-width rigid barrier test, protection of the driver was good for all critical body areas and was good for the rear passenger except for the chest, protection of which was marginal. In both the side impact barrier test and the more severe side pole test, the Tiguan scored maximum points with good protection of all critical body regions. Tests on the front seats and head restraints showed good protection against whiplash in the event of a rear-end collision. A geometric assessment of the rear seats showed that occupants would also be well protected in those positions. The Tiguan has an autonomous emergency braking system as standard and tests showed it to be good at avoiding or mitigating low speed accidents where whiplash injuries are often caused.

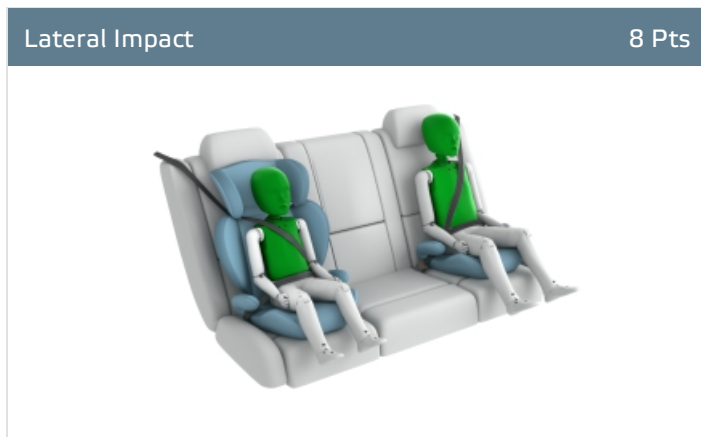
**CHILD OCCUPANT**

Total 41.5 Pts / 84%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

22.8 Pts



Restraint for 6 year old child: *Britax Römer Kidfix XP*  
 Restraint for 10 year old child: *Britax Römer Kidfix XP*  
 Safety Features

7 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

11.8 Pts

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

■ i-Size CRS



**CHILD OCCUPANT**

Total 41.5 Pts / 84%

**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 41.5 Pts / 84%

	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 and side barrier tests, both dummies were properly restrained throughout the impacts. In the frontal test, protection was good or adequate except for the chest of the 6 year dummy, for which dummy measurements of deceleration indicated marginal protection. In the side barrier test, protection of all critical body areas was good for both the 6 and 10 year children. The front passenger airbag can be disabled to allow a rearward-facing 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. In Euro NCAP's installation tests, all restraints could be properly installed and accommodated by the Tiguan. However, the third-row seats of the Tiguan 'Allspace' failed the installation check for universal child restraints.



**PEDESTRIAN IMPACT PROTECTION**

Total 30.6 Pts / 72%

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR

Pedestrian Impact Protection	26.1 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;">19.3 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">0.8 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	19.3 Pts	Pelvis Impact	0.8 Pts	Leg Impact	6 Pts
Head Impact	19.3 Pts						
Pelvis Impact	0.8 Pts						
Leg Impact	6 Pts						

AEB Pedestrian		4.5 Pts
System Name	Front Assist	
Type	Auto-Brake with Forward Collision Warning	
Operational From	4 km/h	
Additional Information	Defaults on for every journey; operates above 40km/h and in low ambient light	

PERFORMANCE		
	Autobrake Function	
	Avoidance	Mitigation
Running Adult crossing from Farside	Collision avoided up to 40 km/h	Impact mitigated up to 55 km/h
Walking Adult crossing from Nearside -25%	Collision avoided up to 40 km/h	Impact mitigated up to 50 km/h
Walking Adult crossing from Nearside -75%	Collision avoided up to 40 km/h	Impact mitigated up to 50 km/h
Running Child from behind parked vehicles	Collision avoided up to 30 km/h	Impact mitigated up to 45 km/h

**Comments**

The Tiguan has an 'active' bonnet, where sensors in the bumper detect when a pedestrian has been struck and actuators lift the bonnet to provide more clearance to the stiff engine components. However, the Tiguan 'Allspace' does not have an active bonnet so tests of head protection have been repeated. Results were good or adequate in most test areas and the score is only slightly reduced compared to the 'active' hood originally tested. The bumper showed good results at all test locations and scored maximum points for its protection of pedestrians' legs. However, the pelvis area was not well protected, with poor results at almost all test locations. The autonomous emergency braking system is able to detect vulnerable road users such as pedestrians and performed well in Euro NCAP's tests of this functionality.

SAFETY ASSIST

Total 8.2 Pts / 68%

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 2.5 Pts

System Name	Lane Assist
Type	Lane Keep Assist and Lane Departure Warning
Operational From	65 km/h
Warning	Haptic
<b>PERFORMANCE</b>	
LKA Confirmation Test	Pass (5/5)
LDW Confirmation Test	Pass

 SAFETY ASSIST

Total 8.2 Pts / 68%

## AEB Interurban

2.7 Pts

System Name	Front Assist
Type	Forward Collision Warning with Auto-Brake
Operational From	4 km/h
Additional Information	Default On; Supplementary Warning

PERFORMANCE | 

	Autobrake Function Only	Driver reacts to warning
Operational Speed	4-250 km/h	4-250 km/h
Approaching a stationary car	See AEB City	Crash avoided up to 45km/h. Crash speed reduced up to 60km/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	Avoidance	Avoidance

## Comments

Tests of the autonomous emergency braking system at highway speeds demonstrated good performance, the impact in most cases being avoided or mitigated. The Tiguan has a standard-fit seatbelt reminder system for the front and rear seats and also a lane assistance system that helps to correct the deviation when the car is drifting out of lane. A speed assistance system is also available but, as it is an option, it was not included in this assessment.

## RATING VALIDITY

## Annual Reviews and Facelifts

Date	Event	Outcome
June 2016	Rating Published	2016 ★★★★★ ✓
June 2017	Annual Review	2016
June 2018	Annual Review	2016