



2018





## Adult Occupant



89%





Safety Assist

86%

Vulnerable Road Users



72%



81%

## **SPECIFICATION**

Tested Model	VW Touareg 3.0 diesel "Elegance", LHD
Body Type	- 5 door SUV
Year Of Publication	2018
Kerb Weight	2065kg
VIN From Which Rating Applies	- all Touaregs
Class	Large Off-Road

## **SAFETY EQUIPMENT**

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	•	•	_
Belt pretensioner	•	•	×
Belt loadlimiter	•	•	•
Knee airbag	0	0	_
SIDE CRASH PROTECTION			
Side head airbag	•	•	•
Side chest airbag	•	•	0
Side pelvis airbag	•	•	0



# 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 Cyclist	•
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
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O Not fitted to the test vehicle but available as option or as part of the safety pack X Not available — Not applicable



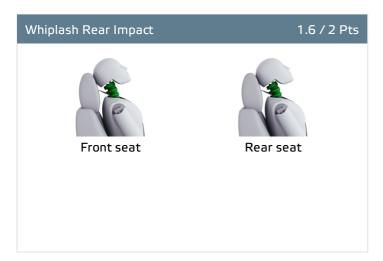


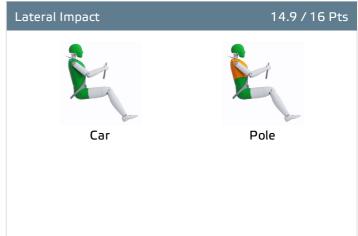
Total 33.9 Pts / 89%













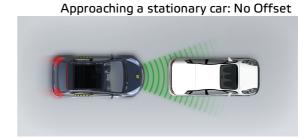


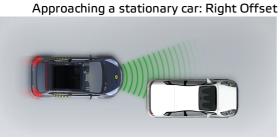
Total 33.9 Pts / 89%



**AEB City** 3.7 / 4 Pts











Total 33.9 Pts / 89%

#### Comments

The passenger compartment of the Touareg remained stable in the front offset test. Dummy readings showed good protection of the knees and femurs of both the driver and passenger. VW showed that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. Protection of the chest of the driver dummy was rated as marginal, based on dummy readings of compression during the test. Chest compression of both the driver and passenger dummy also led to a marginal rating for protection of this body area in the full-width rigid barrier test, all other areas being well or adequately protected. In the side barrier test, the Touareg scored maximum points with good protection of all body areas. In the more severe side pole test, protection of the chest was rated as marginal, based on dummy readings of rib deflection. Tests on the front seats and head restraints demonstrated good protection of the neck against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The autonomous emergency braking (AEB) system performed well in tests of its functionality at the low speeds, typical of city driving, at which many whiplash injuries are caused.



Total 42.4 Pts / 86%



### Crash Test Performance based on 6 & 10 year old children

23.4 / 24 Pts





Restraint for 6 year old child: *Romer KidFix XP*Restraint for 10 year old child: *Nania Toppo*Safety Features

7 / 13 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	×	•	×
i-Size	×	•	×
Integrated CRS	×	×	×

Fitted to test car as standard

O Not on test car but available as option

🗶 Not available

#### **CRS Installation Check**

12 / 12 Pts

Install without problem	Install with care	Safety critical problem	🗶 Installation not allowed

#### - i-Size CRS









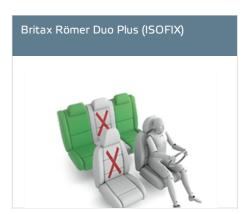


Total 42.4 Pts / 86%

#### ISOFIX CRS







Britax Römer KidFix XP (ISOFIX)



### Universal Belted CRS







Britax Römer KidFix XP (Belt)





Total 42.4 Pts / 86%

		Seat Position		
	Front	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)	0	•		•
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 frontal offset test, all critical body areas were well or adequately protected. In the side barrier impact, all body areas were well protected. 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. All of the child restraints for which the Touareg is designed could be properly installed and accommodated.





Total 34.6 Pts / 72%

GOOD	ADEQUATE	MARGINA	AL WEAK	POOR	
Pedestrian Impact	Protection			2	25.3 / 36 Pts
		_	Head Impact	1	3.5 Pts
			Pelvis Impact	(	0.8 Pts
			Leg Impact		6 Pts

Vulnerable Road Users	9.3 / 12 Pts
System Name	Front Assist
Туре	Auto-Brake with Forward Collision Warning
Operational From	5 km/h

#### Comments

The Touareg has a 'pop-up' bonnet for additional pedestrian protection. Sensors at the front of the car detect when a pedestrian has been struck and actuators raise the bonnet to provide greater clearance of the hard structures in the engine compartment. VW showed that the system worked robustly for different pedestrian statures and over a range of speeds, so the car was tested with the bonnet in the raised position. Protection of the head was almost entirely good or adequate. The bumper provided good protection to pedestrians' legs at all test sites, and maximum points were scored. However, protection of the pelvis area was poor at nearly all locations. The AEB system can detect vulnerable road users such as pedestrians and cyclists. Tests of its this functionality demonstrated good or adequate performance.



Total 34.6 Pts / 72%

## **AEB** Pedestrian

Day time

Adult crossing the road



Child running from behind parked vehicles



Adult along the roadside

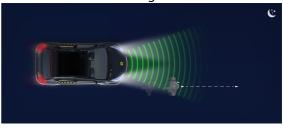


Night time

Adult crossing the road

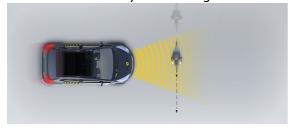


Adult along the roadside



## AEB Cyclist

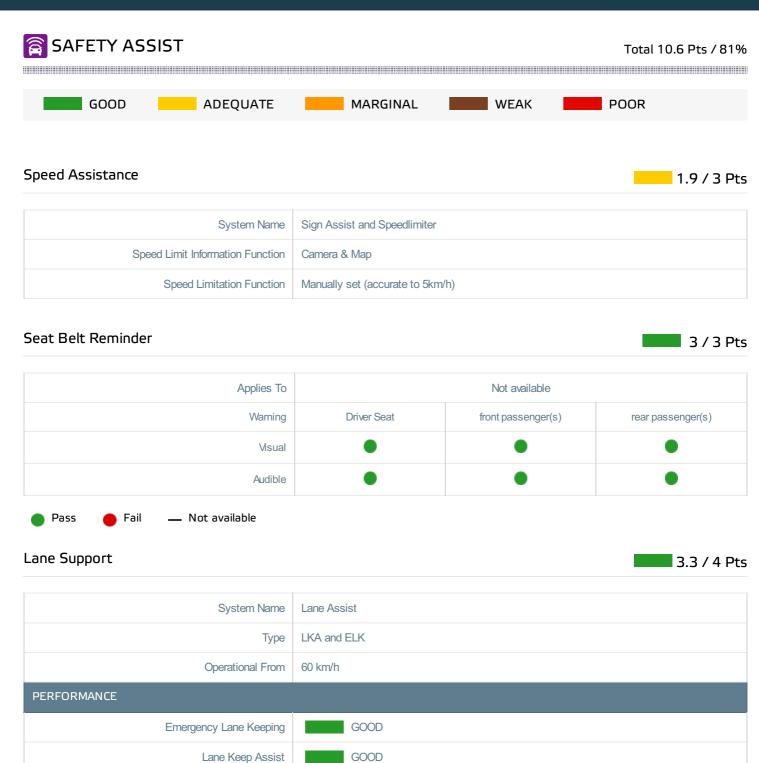
Cyclist crossing



Cyclist along the roadside







ADEQUATE

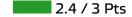
Human Machine Interface





Total 10.6 Pts / 81%

#### **AEB** Interurban



System Name	Front Assist	
Туре	Autonomous Emergency Braking and Forward Collision Warning	
Operational From	9 km/h	
Additional Information	Supplementary warning	

#### Comments

The AEB system performed well in tests of its functionality at highway speeds. The Touareg has a seatbelt reminder for front and rear seats. The speed assistance system, which consists of speed-limit recognition and a driver-set limiter, was rated as adequate. The lane support system helps to keep the driver from drifting out of lane but can also intervene in some emergency situations.

### Autobrake function only

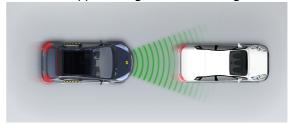
### Approaching a slower moving car



Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car

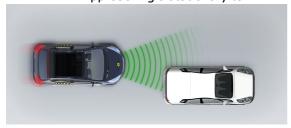




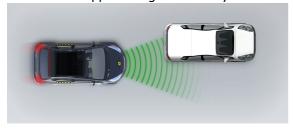
Total 10.6 Pts / 81%

## Driver reacts to warning

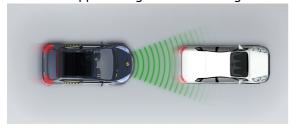
Approaching a stationary car



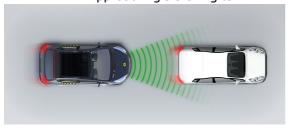
Approaching a stationary car



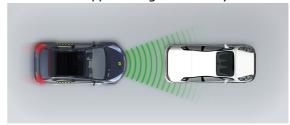
Approaching a slower moving car



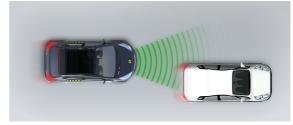
Approaching a braking car



Approaching a stationary car



Approaching a slower moving car



Approaching a slower moving car





## **RATING VALIDITY**

## Variants of Model Range

Body Type	Engine & Transmission	Drivetrain	Rating Applies	
			LHD	RHD
5 door SUV	3.0 diesel (210kW)*	4 × 4	✓	~

<sup>\*</sup> Tested variant

## **Annual Reviews and Facelifts**

Date	Event	Outcome	
September 2018	Rating Published	2018 * * * * *	✓