



Volkswagen Arteon
Standard Safety Equipment

2017



Adult Occupant



96%

Child Occupant



85%

VRU Impact Protection



85%

Safety Assist



82%

SPECIFICATION

Tested Model	VW Arteon 2,0 TDI 110kW, LHD
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	1625kg
VIN From Which Rating Applies	- all Arteons, including Shooting Brake
Class	Executive

Rating Expired

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

SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix/i-Size	—	✘	●
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 36.8 Pts / 96%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 7.9 Pts




Passenger Driver

Frontal Full Width 7.7 Pts




Rear Passenger Driver

Whiplash Rear Impact 2.3 Pts



Front seat Rear seat

Lateral Impact 15.9 Pts



Car Pole

AEB City 3.0

Performance: ■ Good



ADULT OCCUPANT

Total 36.8 Pts / 96%



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

 ADULT OCCUPANT

Total 36.8 Pts / 96%

Comments

The passenger compartment remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and 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 impact, protection was adequate for the chest of rear passenger but, otherwise, was good for all other critical body areas of the driver and rear passenger. In the side barrier test, good protection was provided to all critical body regions and the Arteon scored maximum points. In the more severe side pole impact, protection of the chest was rated as adequate and that of other body regions was good. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats indicated good whiplash protection there also. Tests of the Arteon's autonomous emergency braking system showed good performance at low speeds typical of city driving, with accidents avoided at all test speeds.

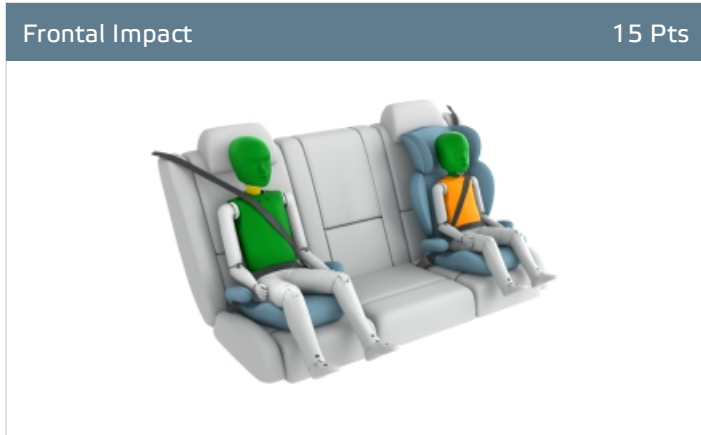
CHILD OCCUPANT

Total 42.0 Pts / 85%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

23.0 Pts



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

Safety Features

7.0 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

12.0 Pts

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

■ i-Size CRS



■ ISOFIX CRS



CHILD OCCUPANT

Total 42.0 Pts / 85%

■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



Comments

In the frontal offset test, protection of the 10 year dummy was rated as good or marginal. For the 6 year dummy, protection of the chest was rated as marginal and the of other critical areas as good or adequate. In the side barrier test, protection of both dummies was good. 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 regarding the status of the airbag and the system was rewarded. All of the restraint types for which the Arteon is designed could be properly installed and accommodated in the car.

CHILD OCCUPANT

Total 42.0 Pts / 85%

	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)	—	●	—	●
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)	●	●	●	●

● Easy
 ● Difficult
 ● Safety critical
 ✘ Not allowed
 — Not available

Comments

In the frontal offset test, protection of the 10 year dummy was rated as good or marginal. For the 6 year dummy, protection of the chest was rated as marginal and the of other critical areas as good or adequate. In the side barrier test, protection of both dummies was good. 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 regarding the status of the airbag and the system was rewarded. All of the restraint types for which the Arteon is designed could be properly installed and accommodated in the car.

VRU IMPACT PROTECTION

Total 36.1 Pts / 85%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

VRU Impact Protection	31.0 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;">19.0 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">6.0 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6.0 Pts</td> </tr> </table>	Head Impact	19.0 Pts	Pelvis Impact	6.0 Pts	Leg Impact	6.0 Pts
Head Impact	19.0 Pts						
Pelvis Impact	6.0 Pts						
Leg Impact	6.0 Pts						

AEB Pedestrian	5.1 Pts	
System Name	Front Assist	
Type	Auto-Brake with Forward Collision Warning	
Operational From	10 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 45 km/h	Impact mitigated up to 60 km/h
Walking Adult crossing from Nearside -25%	Collision avoided up to 35 km/h	Impact mitigated up to 60 km/h
Walking Adult crossing from Nearside -75%	Collision avoided up to 30 km/h	Impact mitigated up to 60 km/h
Running Child from behind parked vehicles	Collision avoided up to 35 km/h	Impact mitigated up to 45 km/h

Comments

The Arteon has an 'active' bonnet. Sensors in the bumper detect when a pedestrian has been struck and actuators lift the bonnet, providing greater clearance to hard structures in the engine compartment. VW showed that the system operated robustly for a variety of pedestrian statures and over a wide range of speed so the car was tested with the bonnet in the deployed, raised condition. Protection was good or adequate over virtually the entire surface of the bonnet. The bumper provided good protection the legs of struck pedestrians and protection of the pelvis area was also good. The autonomous emergency braking system can detect pedestrians as well as other vehicles and performed well in Euro NCAP's tests of this functionality.

SAFETY ASSIST

Total 9.9 Pts / 82%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance

1.5 Pts

System Name	Speed Limiter
Speed Limit Information Function	N/A
Warning Function	Manually set
Speed Limitation Function	Manually set (accurate to 5km/h)

Seatbelt Reminder

3.0 Pts

Applies To	All seats		
	Driver Seat	Front Passenger(s)	Rear Passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●

● Pass
 ● Fail
 — Not available

Lane Support

2.7 Pts

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

SAFETY ASSIST

Total 9.9 Pts / 82%

AEB Inter-Urban

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	30-250 km/h
Approaching a stationary car	See AEB City	Crash avoided up to 55km/h. Crash speed reduced up to 70km/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 showed good performance, with accidents avoided or mitigated in all test scenarios. The car has a driver-set speed limitation system and lane departure warning. A seatbelt reminder is standard for the front and rear seats.

RATING VALIDITY

Variants of Model Range

Annual Reviews and Facelifts

Date	Event	Outcome
July 2017	Rating Published	2017 ★ ★ ★ ★ ★ ✓
July 2018	Annual Review	2017 ★ ★ ★ ★ ★ ✓
July 2019	Annual Review	2017 ★ ★ ★ ★ ★ ✓
July 2020	Annual Review	2017 ★ ★ ★ ★ ★ ✓
November 2020	Facelift Review	2017 ★ ★ ★ ★ ★ ✓
December 2020	Addition of Shooting Brake	2017 ★ ★ ★ ★ ★ ✓