



# Porsche Cayenne Standard Safety Equipment

2017









95%





80%

Pedestrian







Safety Assist

62%

## **SPECIFICATION**

Tested Model	Porsche Cayenne 3.0 diesel, LHD
Body Type	- 5 door SUV
Year Of Publication	2017
Kerb Weight	2169kg
VIN From Which Rating Applies	- all Cayennes
Class	Large Off-Road

# **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	•	•	0
Side pelvis airbag	×	×	×



# **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	0

Fitted to the vehicle as standard	Fitted to the vehicle as part of the safety pack
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C	Not fitted to the test vehicle but available as option or as part of the safety pack	💥 Not available	- Not applicable
`	,	<b>~</b>	





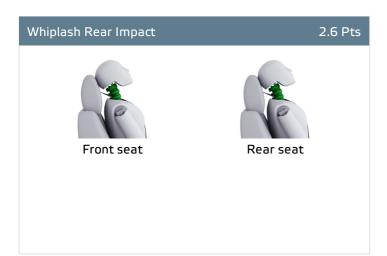
Total 36.2 Pts / 95%

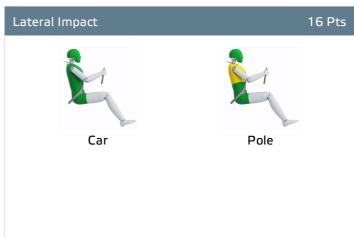
**POOR** 

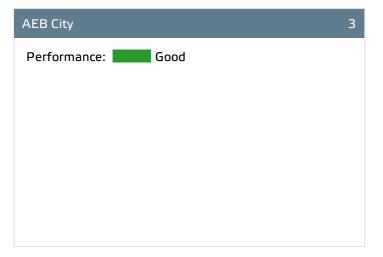




WEAK











Total 36.2 Pts / 95%

#### Comments

The passenger compartment of the Cayenne remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Porsche 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 was good or adequate for all critical body regions of both dummies except the chest of the rear passenger, protection of which was rated as marginal based on readings of chest compression. In the side barrier test, protection of all critical body areas was good and the Cayenne scored maximum points. Even in the more severe side pole test, protection of the chest was adequate and that of other critical body areas was good. 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 Cayenne has a standard-fit autonomous emergency braking system. Tests of its performance at the low speeds, typical of city driving, at which many whiplash injuries are caused revealed good performance, with impacts avoided at all test speeds.



Total 39.6 Pts / 80%



Crash Test Performance based on 6 & 10 year old children

20.6 Pts





Restraint for 6 year old child: Porsche Junior Plus Seat ISOFIT Restraint for 10 year old child: Osann/Nania Dream

Safety Features 7 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 Pts

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

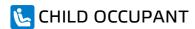
### i-Size CRS











Total 39.6 Pts / 80%

#### ISOFIX CRS









#### Universal Belted CRS











Total 39.6 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 the neck of the 10 year dummy was rated as poor, based on dummy readings of tensile forces. In the 6 year dummy, readings of decelerations in the chest of the 6 year dummy led to protection of that body region being rated as marginal. 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 restraint types for which the Cayenne is designed could be properly installed and accommodated in the car.



# 🕏 PEDESTRIAN PROTECTION

Total 30.8 Pts / 73%

GOOD ADEQUATE MARGINAL WEAK POOR

Pedestrian Protection 30.8 Pts



Head Impact19.2 PtsPelvis Impact0 PtsLeg Impact6 Pts

AEB Pedestrian		5.6 Pts		
System Name	Porsche Active Safe			
Туре	Auto-Brake with Forv	Auto-Brake with Forward Collision Warning		
Operational From	5 Km/h			
Additional Information	on Defaults on for every journey; operates above 40km/h and in low ambient light			
PERFORMANCE   PE				
	Autobrake Function			
	Avoidance Mitigation			
Running Adult crossing from Farside	Collision avoided up to 40 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 45 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 50 km/h		

#### Comments

The Cayenne has a deployable, 'active' bonnet. Sensors detect when a pedestrian has been struck and actuators lift the bonnet to provide greater clearance to the hard structures in the engine bay. Porsche demonstrated that the system worked robustly for different pedestrian statures and over a wide range of speeds. Accordingly, the system was tested in the deployed position and good or adequate results were recorded over almost the entire bonnet surface. The protection provided by the bumper to pedestrians' legs was good at all test locations and maximum points were scored. However, protection of the pelvis was poor at all test points. The autonomous emergency braking system performed well in tests of its pedestrian detection, with impacts mostly avoided or mitigated.





Total 7.5 Pts / 62%



**Speed Assistance** 1.8 Pts

System Name	Cruise control including speed limiter
Speed Limit Information Function	Map based
Warning Function	Active braking (no warning necessary)
Speed Limitation Function	Manually set (accurate to 5km/h)

Seat Belt Reminder 3 Pts

Applies To	All seats		
Warning	Driver Seat	front passenger(s)	rear passenger(s)
Visual	•	•	•
Audible	•	•	•

Pass

Fail

— Not available





Total 7.5 Pts / 62%

AEB Interurban 2.8 Pts

System Name	Porsche Active Safe					
Туре	Forward Collision Warning with Auto-Brake					
Operational From	10 Km/h					
Additional Information	Default On; Supplementary Warning					
PERFORMANCE						
Operational Speed	10-250 Km/h	10-250 Km/h				
	Autobrake Function Only	Driver reacts to warning				
Approaching a stationary car	See AEB City	Crash avoided up to 40km/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	Avoidance	Mitigation				
FOLLOWING A CAR AT LONG DISTANCE						
Car in front brakes gently	Avoidance	Avoidance				
Car in front brakes harshly	Avoidance	Avoidance				

### Comments

The Cayenne has, as standard, a seatbelt reminder system for the front and rear seats. The speed assistance system recognises local speed limits and informs the driver, who can then set the limiter appropriately. Tests of the autonomous emergency braking system at highway speeds demonstrated good performance with most collisions avoided or mitigated. A lane assistance system is available as an option but is not included in this assessment.



## **RATING VALIDITY**

## Variants of Model Range

Body Type Engine & TransmissionModel Name/CodeDrivetrainRating Applies							
				LHD	RHD		
5 door SUV	3.0 diesel	Cayenne Diesel*	4 x 4	✓	<b>✓</b>		
5 door SUV	3.0 petrol	Cayenne	4 x 4	✓	✓		
5 door SUV	2.9 petrol	Cayenne S	4 x 4	<b>✓</b>	✓		
5 door SUV	4.0 petrol	Cayenne Turbo	4 x 4	✓	✓		

## Annual Reviews and Facelifts

Date Event Outcome November 2017 Rating Published

2017 \* \* \* \* \*



<sup>\*</sup> Tested variant