

6 Body equipment, exterior

General

The exterior design of the new Cayenne models is quintessentially Porsche. The aerodynamic design of the exterior mirrors is very similar to those of the Panamera, while the design of the roof spoiler with two convex curves at the rear are reminiscent of the Carrera GT. The new Cayenne models are longer, offer more space and greater flexibility in the passenger compartment compared with competitor vehicles while still maintaining dynamic, compact dimensions.

Front view

The first feature that catches the eye when viewing the front end of the Cayenne models is the three large air intake openings. On the Cayenne, the vanes in the lateral air intakes are painted in the vehicle color and on other models, they are painted black. The Cayenne Turbo has larger air intakes. Another defining element on the front end is the power dome, which creates a dynamic sports look. The power dome on the Cayenne Turbo is 13 mm higher than the dome on other models and together with a model-specific design, lends the vehicle a dominant appearance.



Cayenne
Cayenne S
Cayenne Turbo

Exterior body equipment

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Side view

The extended wheelbase on the new Cayenne models is clearly recognizable from the side. However, the wedge shape of the flowing silhouette still creates an extremely dynamic effect. The large wheels provide the Cayenne with a powerful and confident appearance on the road. The Cayenne and Cayenne S are equipped with 18-inch wheels as standard, where as 19-inch wheels are installed on the Cayenne Turbo as standard.

Sporty rim designs afford an unobstructed view of the brake systems.

The side window surrounds and the trim strip on the tailgate have a chrome-look finish and provide the Cayenne with a strikingly elegant appearance.



Rear view

The typical Porsche themes and design elements have been brought to the fore even more clearly. The visual height necessary for the wedge shape and dynamic appearance of the models is achieved in the rear area through greater emphasis of the tailgate.

The model designation and the new "PORSCHE" brand logo in a chrome look are located at the rear.



Door mirrors

The door mirrors of the new Cayenne models have been completely redesigned. The aerodynamic design is flatter and the door mirrors are mounted on the top edge of the door frame and no longer on the mirror attachment point finisher.

The new position and form reflect and repeat the contours of the front body section, creating an integral unit. In addition, it was also possible to reduce the wind noise during driving by improving the aerodynamic design and enhance visibility in tight bends through an additional window in the previous mirror triangle area.



Glazing and sun protection

All Cayenne models are equipped with tinted heat-insulating glass all round with a grey top tint in the windshield and hydrophobic side windows at the front as standard. The front side windows are provided with a coating based on nano-technology that prevents the windows from becoming as dirty, thereby improving visibility in rainy weather and in winter. The coating is subject to normal wear and eventually has to be replaced, depending on use and maintenance. The grey top tint in the windshield reduces sun glare.

For the first time, a heated windshield is also available on all new Cayenne models to ensure that the windshield does not fog up, even under extreme conditions.

Additional glazing options include:

- Privacy glazing
- Tinted rear side windows and rear window
- Thermally and noise insulated glass all around
- Electrically extendible roll-up sunblinds for the rear door windows

Roof systems

The basic equipment of the new Cayenne includes a full roof. An electric slide/tilt glass roof and a Panoramic Roof System are also optionally available.

Electric slide/tilt roof

An electric slide/tilt roof that incorporates tinted single-sheet safety glass with a surface area of 0.39 m², a manually operated sliding sunscreen and a remote closing function is optionally available. The vehicle occupants have an additional ventilation option and more light enters the passenger compartment. This electric slide/tilt roof can be operated conveniently using a switch on the roof console.



Panoramic Roof System

Measuring approx. 1.4 m², the Panoramic Roof System is almost four times bigger than the slide/tilt roof system and is available at an extra charge. Even when closed, the roof system offers an impressive panoramic view and enhances the feeling of space for the occupants. The glass surface extends across the rear seats.

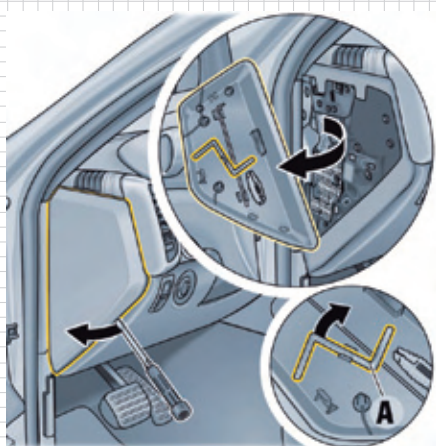
The Panoramic Roof System on the new Cayenne consists of two glass panes, where the front pane slides over the rear pane to reveal an opening of 0.44 m² and create a unique feeling of space.



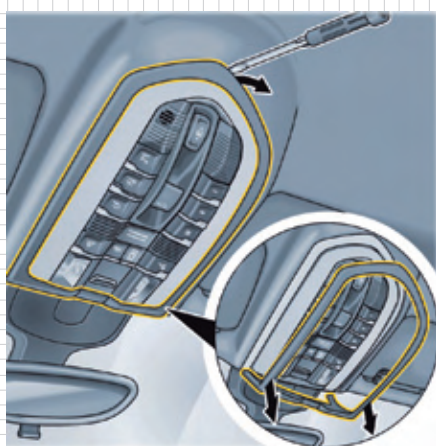
All elements crucial to installation space such as the guide rails and the drive have been optimized so that the head room in the passenger compartment is not restricted. The system is operated in the same way as the electric slide/tilt roof, via a switch in the roof console that is also used to control the opening positions. To protect against strong sunlight, the Panoramic Roof System incorporates heat-insulating glass and a roll-up sunblind that is also operated electrically using a button in the roof console. When the Panoramic Roof System is opened, the integral wind deflector is raised automatically to help reduce the noise levels.

When the new Panoramic Roof System was developed, great emphasis was placed on maintaining the rigidity of the body. An additional reinforcement frame maintains dynamic driving characteristics at a high level compared to vehicles without the Panoramic Roof System. The redesigned system is more than 28 lbs (13 kg) lighter than the previous system.

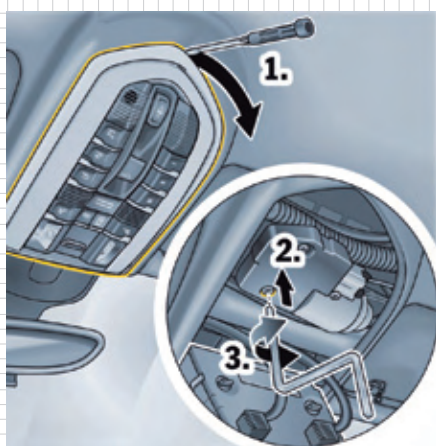
Emergency operation of the slide/tilt roof and the panorama roof



- 1 Remove hexagon wrench **A** from the closing element in the instrument panel on the driver's side.



- 2 Unclip the frame around the roof control unit with a finger or a screwdriver and pull down carefully. Make sure that the frame is not damaged.
- 3 Remove the frame completely.



- 4 Unclip the roof control unit with a finger or a screwdriver and fold down.
- 5 Insert the wrench fully into the motor and turn clockwise or counter-clockwise, depending on whether the roof is to be opened or closed. When turning the wrench, push upwards so that it does not slip out and sustain damage.
- 6 Remove the wrench and replace under the closing element.
- 7 Clip the roof control unit and frame back into position.

Roof transport system

High-quality aluminum roof rails integrated into the vehicle design are available on request with a silver or black paint finish. The roof rail system includes three protective roof rails, which are omitted when the vehicle is equipped with the Panoramic Roof System. The roof rails are an essential component of the roof transport system, which is available as an optional extra on all Cayenne models.

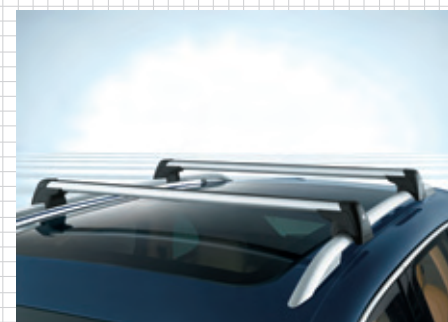
All transport accessories from the Cayenne Tequipment range (e.g. roof box, ski rack and snowboard holder) can be mounted to the roof transport system. The maximum roof load on the new Cayenne is 220 lbs (100 kg). The degree of flexibility and touring qualities of the Cayenne are further enhanced as a result.

Luggage compartment and storage

The spacious passenger compartment is based on a well-designed concept that includes a wide variety of practical storage options. The basic equipment is already extremely versatile and able to meet all the requirements of everyday use.



It is not possible to retrofit the roof rails for mounting the roof transport system.



With a capacity of 23.65 cu.ft. (670 liters), the luggage compartment is 4.58 cu.ft. (130 liters) larger than previous models and ideal for longer trips with five passengers. Depending on the model and equipment, the luggage compartment capacity increases to 62.83 cu.ft. (1,780 liters) when the rear bench is folded down completely.

The luggage compartment can be partitioned individually using the optionally available cargo management system that comprises the following components:

- Rail system (integrated in the floor of the luggage compartment)
- Telescopic rod (for greater flexibility when partitioning the loadspace)
- Strap roller
- Four variable lashing points
- Reversible mat (to prevent the luggage compartment carpet from becoming soiled)
- Luggage compartment partition net

Trailer hitch

All Cayenne models are equipped with a preparation for easy retrofitting of a trailer hitch. A trailer hitch with removable ball head is optionally available (only for the Cayenne, Cayenne S and Cayenne Turbo models). The maximum trailer load of 3.5 t applies to all models except the Cayenne with manual transmission (2.7 t). A separate model of trailer hitch without a ball head is available for the USA and Canada.

Safety

The safety of passengers plays a major role for Porsche. The safety of all new Cayenne models has been significantly increased yet again, starting from the already high level of the previous model. Active and passive safety has been developed even further and new technology has been integrated. Extensive safety features have also been included in the passenger compartment in addition to the systems affecting the body. As an example, all Cayenne models protect their passengers as standard with six airbags as well as side impact protection integrated in the doors. Two additional side airbags in the rear are also available as an option.



Passive safety in the passenger compartment

The comprehensive passenger compartment safety concept on the new Cayenne models includes the following features:

- Two-stage, full-size airbags for driver and passenger
- Knee airbags (USA, Canada, Mexico, Puerto Rico, Virgin Islands only)
- Porsche Side Impact Protection System (POSIP), comprising curtain airbags above the roof frame and side windows between the A-pillar to the C-pillar, thorax side airbags for driver and front passenger as well as side impact protection in the doors
- Optional rear side airbags
- Safety steering column
- Seat-belt height adjustment (front)
- 3-point automatic seat belts
- Seat-belt pretensioners (front and rear on the outer seats) and force limiters (front)
- Roll-over sensor
- ISOFIX mountings on the front passenger seat and on the outer rear seats



