



PORSCHE



The new Cayenne Diesel

Different fuel. Same spirit.



The new Cayenne Diesel.

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Immaculate sports pedigree and a determination to raise the bar further. The desire never to stand still coupled with the urge to constantly improve. This is hallmark Porsche. Even if that involves venturing off in unusual directions. At Porsche, we're used to exploring new territory. Only this time with a different fuel. But with the same enduring spirit.

The new Cayenne Diesel.



Different fuel. Same spirit.

Drive.

In the past, none of the Porsche models came with a diesel engine. Until now that is.

We've listened to what our customers have been telling us. And produced the new Cayenne Diesel. Built for drivers convinced of the virtues of diesel technology. And of Porsche, too.

Its 3.0-litre V6 turbo-diesel engine is powerful, refined and efficient.

The figures speak for themselves: the smooth-running unit develops 176 kW (240 hp) and 550 Nm of

torque. The new Cayenne Diesel accelerates from 0 to 100 km/h (62 mph) in just 8.3 seconds. The impressive torque covers a wide engine speed range, with maximum torque available from as low as 2,000 rpm.

Top speed is 214 km/h (133 mph). Fuel consumption in the ECE driving cycle comes in at 9.3 litres of diesel per 100 km (30.4 mpg). Remarkable

efficiency and economy by any standard. Not only if you take the new Cayenne Diesel on a long motorway journey, but also if you are towing or faced with the everyday rigours of driving around town.

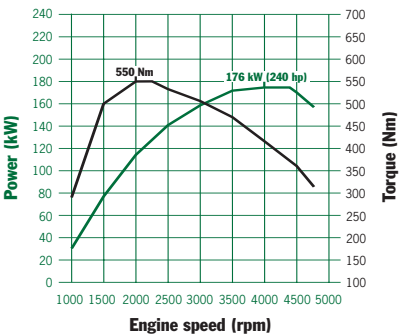
Direct fuel injection comes courtesy of a common-rail injection system. Injection pressure of up to 1,800 bar ensures effective mixture formation coupled with superior performance. The piezoelectric injection valves provide flexible injection rate adjustment, using exactly metered quantities of fuel, with multiple injections for each power stroke to deliver smooth combustion.

The turbocharger on the new Cayenne Diesel features variable turbine geometry (VTG) – a technology pioneered in the petrol-engined 911 Turbo. The incoming exhaust gases drive a set of electronically variable turbine blades whose angle is continuously adjusted to ensure optimum performance under all engine loads. The result is far greater power and torque, even at low revs.

The new Cayenne Diesel combines Porsche and diesel to deliver high efficiency and low fuel consumption.



The 3.0-litre V6 turbo-diesel



550 Nm between 2,000 and 2,250 rpm,
176 kW (240 hp) between 4,000 and 4,400 rpm

Fuel consumption*	
Urban	11.6 l/100 km (24.4 mpg)
Extra urban	7.9 l/100 km (35.8 mpg)
Combined	9.3 l/100 km (30.4 mpg)
CO₂ emissions	
Combined	244 g/km

The cooled exhaust-gas recirculation on the 3.0-litre V6 turbo-diesel routes back part of the exhaust gas into the combustion process, resulting in lower peak combustion temperature and lower nitrogen oxide emissions. An oxidisation catalyst along with a diesel particle filter also forms an integral part of the process. And, of course, the new Cayenne Diesel meets the EU4 emissions standard, not to mention your expectations of a Porsche.

The standard Tiptronic S converts the high torque of the new Cayenne Diesel into acceleration with smoothness, efficiency and precision. Its gearshift maps range from maximum economy through to maximum performance. Depending on the driving style and current road conditions, it automatically

selects the optimum gearshift pattern. The immediacy of response, with practically no interruption in drive, adds up to superbly dynamic performance. If you prefer, you can also change gear manually by using the rocker controls on the steering wheel or by nudging the gear selector lever.

One of the special features of Tiptronic S is standby control. When the car is stationary in an active gear position and the foot brake applied, the input clutch automatically disconnects the engine from the driveline, thereby reducing fuel consumption.

Under heavy braking in 'Sport' mode, Tiptronic S quickly shifts down to maximise engine braking. An incline sensor enables better uphill acceleration and superior engine braking on descent. The Porsche Hill Holder prevents the vehicle from rolling back, facilitating easy hill starts without having to use the brakes.

High performance and high efficiency. On and off road. No less than you would expect from a Cayenne.

* Data recorded for standard-specification vehicle in accordance with 80/1268/EC as valid at the time of publication. This data was not recorded on one individual vehicle, does not constitute part of the offer and is provided solely for the purposes of comparison. For more information, please contact your Porsche Centre.

Sure-footed traction for even the most demanding terrain.

Chassis.

The new Cayenne Diesel not only boasts outstanding performance and efficiency. Its steering is precise, its chassis sporty. Yet it doesn't compromise on comfort or safety – whatever the terrain.

The standard Porsche Traction Management (PTM) – an intelligent permanent all-wheel drive system – transmits the power from the new Cayenne Diesel to the road with optimum precision and control. PTM actively distributes engine torque precisely where it is needed. Thanks to the PTM low-range mode, where all gear ratios are reduced,

the new Cayenne Diesel remains mobile in soft ground and performs better when towing a heavy trailer load.

The standard Porsche Stability Management (PSM) is an electronic control system to help stabilise the vehicle (and trailer, if fitted) in hazardous road scenarios and to increase handling safety. In addition to anti-lock braking (ABS), PSM includes two other functions that help reduce braking distances: electronic brake prefill readies the braking system by increasing the pressure in the brake lines. The

brake assist function then provides the required brake pressure to ensure maximum deceleration in the event of an emergency stop. Porsche Stability Management notably enhances handling safety.

Air suspension featuring self-levelling, ride-height control and Porsche Active Suspension Management (PASM) is available as an option. The self-levelling facility maintains a constant ground clearance, regardless of vehicle load. With the ride-height control on the centre console, you can easily vary the ground clearance. The current ride-height setting is indicated in the

instrument cluster and on a separate LED display on the centre console.

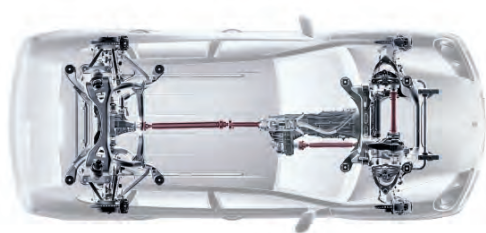
The optional PASM (only available in conjunction with air suspension) is an electronic damping control system. It offers continuous, active adjustment of individual damping forces based on current road conditions and driving style, thus

enhancing handling safety and ride comfort. The driver has a choice of three setup modes: 'Comfort', 'Normal' and 'Sport'.

For extreme off-road use, there's the optional Off-road Technology package. As well as increasing underbody protection, it includes an electronically variable rear

differential. This differential can also be manually locked for the toughest off-road conditions.

The new Cayenne Diesel. A match for even the most difficult terrain – with the comfort and safety typical of Porsche.





Performance – the bigger picture.

Environment.

The performance of the new Cayenne Diesel is not only defined in terms of power and torque, but also in terms of economy and low emissions.

The 3.0-litre V6 turbo-diesel boasts high compression ratios and excellent thermal efficiency.

High efficiency means the higher energy density of diesel fuel compared with petrol can be utilised more effectively. The result is low fuel consumption and low emissions.

Low particle emissions come courtesy of the exhaust emissions treatment system on the new Cayenne Diesel that includes exhaust gas recirculation, an oxidation catalyst, and diesel particle filter that regenerates automatically in the background.

The smooth-running unit and silencer also ensure low noise emissions. When it comes to materials and recycling, sustainability takes priority at Porsche. Every Porsche is built to endure both technically and in terms of design. The lightweight exhaust on the Cayenne models, for example, is constructed from

long-life stainless steel. Also, every Porsche model is entirely free of asbestos, CFCs and components manufactured using CFCs.

All legal requirements in respect of recycling are met. Materials are labelled in accordance with VDA 260, enabling better recycling of end-of-life vehicles and individual parts and assemblies.

While more than 85% of the car can be repaired or recycled using current technologies, the chances are your new Cayenne may never need recycling at all. After all, two thirds of all the cars we have ever made are still on the road today. Ultimately, there's no better way of saving valuable resources.

Ready for every eventuality.

Safety.

As you push performance to the limit, you need to throw your body and soul into it 110%. Particularly when it comes to the unforeseeable. Anything less would be irresponsible. That's why the new Cayenne Diesel is prepared precisely for these eventualities.

Porsche braking systems are renowned worldwide as the benchmark in performance and fade resistance. The brake discs on the six-piston monobloc aluminium

fixed calipers at the front and four-piston equivalents at the rear measure 330 mm in diameter and are internally vented all round. This simple yet highly effective design ensures consistent brake performance thanks to improved cooling – even when the car's fully laden with five adult occupants, a full complement of luggage and a braked trailer load of up to 3,500 kg. All brake pads are fitted with individual

wear sensors. The brake lines serving each of the rear calipers feature special off-road protection against rocks and other debris. Additional protection comes courtesy of full-size airbags for driver and front passenger and a side impact protection system featuring a thorax airbag in each front seat. Curtain-type airbags on each side of the roof provide extensive head protection for both rows of seats.



They are not only deployed during a side impact, but also if the roll-over detection system determines the car is likely to overturn.

The seat belts on the new Cayenne Diesel feature seat-belt pre-tensioners (front and outer rear seats) and force limiters

(front seats only). The front passenger seat and outer rear seats are also equipped with ISOFIX mounting points for compatible child seats. If a child seat is mounted on the front passenger seat, the corresponding airbag can be quickly deactivated using a key-operated switch.

Our ongoing development of the lightweight steel body provides a major contribution to safety. The result is high rigidity combined with consistent deformation properties and exceptional body strength.

The new Cayenne Diesel. Always impeccably prepared.



Exterior design echoes our inner values.

Exterior.

The character of the new Cayenne Diesel is apparent at first glance: accomplished, athletic, brimming with energy and potential. A genuine Porsche no less.

The front-end design features H7 projector-beam headlights. Their flattened headlight geometry gives

a broader look to the car. This is complimented further by the large air intake openings for optimum cooling.

The flared wheel arches emphasise the athleticism of the new Cayenne Diesel. The rear section also alludes to the powerful capability of the car.

LED taillights and brake lights plus integrated matt-silver single-tube tailpipes add a distinctive finishing touch. Running boards with integrated skid plates and the SportDesign package are available as an option. The package includes an extended roof spoiler with fixed bi-plane profile finished in the chosen exterior colour.

Using the standard roof rails, the new Cayenne Diesel can be equipped with an optional roof transport system. It is compatible with all the usual load-carrying attachments available from Porsche Tequipment – e.g. ski/snowboard carriers and roof boxes. All load-bearing parts are designed for a maximum load of 100 kg. The optional roof rails can also be combined with a set of transverse roof bars from Porsche Tequipment, offering a maximum load of 75 kg. Further

information can be obtained in the Tequipment Cayenne catalogue or from your Porsche Centre.

The preparation for an optional towbar system comes as standard. For the largest of loads, you can choose from two towing options: an electrically retractable towbar system or a manually detachable towbar. With the electric system, the ball neck can be retracted beneath the rear apron – all at the push of a button. Both options have a maximum braked

trailer load of 3,500 kg (with a maximum nose weight of 140 kg) and come with a 13-pole socket.

In short: a powerful first impression, inside and out, that is also enduringly Porsche.



Cockpit of the new Cayenne Diesel with Sport aluminium package

Arrive at your destination just as relaxed as when you set off.

Interior.

The five round instruments are among the striking interior features with their logical arrangement forming a single visual unit. Depending on optional equipment, the integrated instrument cluster provides information on the air suspension setting including PASM, tyre pressure or the condition of the brake pads.

The controls in the cockpit are ergonomically arranged for intuitive operation.

The standard comfort seats with 12-way electric adjustment on the front seats come with height, squab and backrest angle, fore/aft and lumbar support adjustment to

provide comfortable motoring, even on long motorway journeys.

The standard specification includes the CDR-30 CD radio with twin-tuner and 12 speakers. The optional Porsche Communication Management (PCM) is an intuitive central control system for audio, navigation



Panoramic roof system

and communication functions, which is as versatile as it is easy to use.

In addition to a host of practical storage compartments for everyday needs, the luggage compartment offers up to 540 litres of luggage space (VDA). When the rear backrest is folded forward, the loadspace expands to a formidable 1,770 litres* (VDA).

The rear door on the new Cayenne Diesel opens wide. An automatic tailgate is available as an option. The loadspace floor is completely flat and the tailgate sill is low.

The optional panoramic roof system with a surface area of approximately 1.4 square metres provides an exceptional view and a unique 'open-top' driving experience. The standard, manually operated air-conditioning system also ensures passengers feel perfectly comfortable on board.

For more information on our exclusive range of personalisation options, please refer to the current Exclusive Cayenne catalogue or consult your Porsche Centre.

The new Cayenne Diesel boasts outstanding sports performance and comfort. Along with anything else you might need along the way.

* With sports seats 1,749 litres (VDA).

Personalisation.

For information on all other options for the new Cayenne Diesel, please consult the Cayenne Diesel price list, the Cayenne catalogue or your nearest Porsche Centre. To find out about our range of accessories and factory-fitted options, please refer to the Exclusive Cayenne catalogue and Tequipment Cayenne catalogue.



Stainless steel skid plate (rear)



Bi-Xenon headlights



Reversing camera (deployed)



Electrically deployable/retractable towball

Option	Order no.
Exterior	
Metallic paint	◦ Code
Special colours	◦ Code
SportDesign package ¹	◦ 2D1, 2
Side skirts ¹ in exterior colour	◦ 2D3
Running boards with integrated skid plates	◦ VR1
Wheel arch extensions in black	◦ 6GF
Off-road Technology package ⁵	◦ PT2, 3
Stainless steel skid plate (front)	◦ 2JC
Stainless steel skid plate (rear)	◦ 2JL
Stainless steel skid plates (front and rear)	◦ 2JX
Bi-Xenon headlights	◦ PC1
Porsche Entry & Drive	◦ 4F2
ParkAssist (front and rear)	◦ 7X2
Reversing camera	◦ 7X9
Reversing camera with ParkAssist	◦ 7X8
Privacy glass (B-pillar rearwards)	◦ PJ2
Heat-insulating laminated glass on all windows	◦ PJ1
Electric slide/tilt sunroof in glass	◦ 3FE
Monochrome black exterior package ²	◦ QJ4

Option	Order no.
Exterior	
Deletion of model designation	W ONA
Panoramic roof system	◦ 3FU
Roof transport system	◦ 3S8
Roof rails/drip rails with matt Aluminium Look finish	◦ 3S1
Roof rails/drip rails with black finish ³	◦ 3S5
Automatic tailgate	◦ 4E7
Towbar system with electrically deployable/retractable towball ⁴	◦ 1D9
Towbar system with manually detachable towball ⁴	◦ 1D2

Engine, transmission and chassis

Air suspension with self-levelling, ride-height control and Porsche Active Suspension Management (PASM)	◦ 1BK
Servotronic	◦ 1N3
6-speed Tiptronic S	• G0R
4-tube sports tailpipes	◦ 0P3

Wheels

18-inch Cayenne S II wheel	◦ C2R
18-inch Cayenne Turbo II wheel	◦ CD3
19-inch Cayenne Design wheel	◦ CJ3
20-inch Cayenne SportDesign wheel	◦ CS5
20-inch Cayenne SportTechno wheel ⁶	◦ CY3
21-inch Cayenne Sport wheel with wheel arch extensions ⁶	◦ CY2

◦ extra-cost option • standard equipment W no-cost option
Please refer to page 23 for footnotes.



18-inch Cayenne Turbo II wheel



19-inch Cayenne Design wheel



20-inch Cayenne SportTechno wheel



21-inch Cayenne Sport wheel



Comfort memory package with outer door-sill guards in stainless steel



3-spoke multifunction steering wheel with Tiptronic S gearshift controls



Sports seat with comfort memory package

Option	Order no.
Wheels	
21-inch Cayenne SportPlus wheel with wheel arch extensions ⁶	◦ C9N
All-season tyre for 17-inch alloy wheel	W HV7
All-season tyre for 18-inch alloy wheel	W H9M
All-season tyre for 19-inch alloy wheel	W HP2
Full-size spare wheel with external holder, 17/18/19/20-inch diameter ⁷	◦ 1G3
18-inch collapsible spare wheel	◦ 1G1
Tyre Pressure Monitoring (TPM)	◦ 7K3
Wheel centres with full-colour Porsche Crest	◦ 1NP
Interior	
Comfort lighting package	◦ P01, 2
Driver memory package	◦ PG1
Steering wheel, padded	◦ 1MV, 1MW
3-spoke multifunction steering wheel in leather	◦ PI2
Comfort seats with comfort memory package	◦ PE1
Sports seats with comfort memory package	◦ PE2
Sunscreen on rear side windows (manual)	◦ 3Y4
HomeLink® (garage-door opener)	◦ VC1
Cruise control	◦ 8T1
Seat heating (front) including steering wheel heating	◦ PK1, 3
Seat heating (front and rear) including steering wheel heating	◦ PK2, 4
Ski bag	W 3X1
Loadspace management system	◦ 3GN
Floor mats	◦ OTD

Option	Order no.
Interior	
Automatic air conditioning	◦ 9AD
4-zone air-conditioning system	◦ 9AH
Auxiliary heating system	◦ 7VL
Preparation for vehicle tracking system (incl. tilt sensor)	◦ 7G1
Non-smoker package	W 9JA
Fire extinguisher	◦ 6A5, 7
Outer door-sill guards in stainless steel	◦ 7M1
Gear selector in magnesium	◦ AWM
Interior: leather	
Leather interior package in smooth-finish leather, standard colours ⁸	◦ Code
Leather interior package in natural leather	◦ VR
Soft ruffled leather on seat centres (front and outer rear seats)	◦ N7F, N7D, N5Y
Porsche Crest on head restraints	◦ 3J7
Interior: Alcantara	
Rooflining in Alcantara	◦ 6NN
Interior: wood	
Dark walnut package with high-gloss finish	◦ PH4
In conjunction with gear selector in magnesium	◦ 5MG
Light olive package with high-gloss finish ⁹	◦ PH5
In conjunction with gear selector in magnesium	◦ 5TF

◦ extra-cost option • standard equipment W no-cost option
Please refer to page 23 for footnotes.



Soft ruffled leather seat



Cruise control



Loadspace management system



Dark walnut package with high-gloss finish

Option	Order no.
Interior: wood	
3-spoke multifunction steering wheel with dark walnut trim, high-gloss finish	◦ PH1
3-spoke multifunction steering wheel with light olive trim, high-gloss finish ⁹	◦ PH2
Interior: aluminium	
Sport aluminium package	◦ 5TE

Audio and communication: CDR-30 CD radio

CDR-30 CD radio	•
CD autochanger (6-disc)	◦ 7D7
Universal audio interface (AUX)	◦ UF1
BOSE® Surround Sound System	◦ 9VL
Mobile phone preparation	◦ 9W5
Compass display in instrument cluster	◦ QR1
Porsche Rear Seat Entertainment	◦ AEC

Audio and communication: PCM

Porsche Communication Management (PCM) incl. navigation module	◦ PF2
CD/DVD autochanger (6-disc)	◦ 7D7
Universal audio interface (iPod®, USB, AUX)	◦ UF1
BOSE® Surround Sound System	◦ 9VL
Mobile phone preparation	◦ 9W5



CDR-30 CD radio

Option	Order no.
Audio and communication: PCM	
Telephone module	◦ 9W1
Telephone module with cordless keypad handset	◦ 9ZP
TV tuner ¹⁰	◦ QV1
Voice control	◦ QH1
Electronic logbook	◦ 9NY
Porsche Rear Seat Entertainment	◦ AEC

Factory collection

Factory collection Cayenne	◦ S9Y
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For more information on the options featured in this catalogue, please refer to the price list.

Build your own Porsche with the Porsche Car Configurator at www.porsche.com.

¹ Reduces off-road capability. Side skirts not included if ordered with Off-road Technology package or running boards.
² Black finish on side window surrounds including B and C-pillar trim, door handles (excl. inlays) and door-sill trim strips.
³ In conjunction with monochrome black exterior package.
⁴ Maximum towing capacity: 3,500 kg.
⁵ Electronically variable rear differential lock, rock rails with integrated skid plates, reinforced engine-bay guard, additional protection for fuel tank and rear axle, second towing lug.
⁶ Not compatible with full-size spare wheel in external holder.
⁷ Not compatible with 20-inch Cayenne SportTechno wheel, 21-inch Cayenne Sport wheel or 21-inch Cayenne SportPlus wheel.
⁸ In conjunction with sports seats: seat centres in Alcantara.
⁹ Ash with olive-look grain.
¹⁰ Suitable for receiving analogue and digital TV signals (DVB-T) (where available).

◦ extra-cost option • standard equipment W no-cost option



Universal audio interface (iPod®, USB, AUX)



Porsche Communication Management (PCM) with CD/DVD autochanger (6-disc)



Telephone module with cordless keypad handset



Summary

Dynamism is not just about specifications. It's also a question of attitude – an attitude our engineers embrace day in, day out.

They remain open to new impressions and ideas – pushing performance to new heights while reducing fuel consumption.

It's actually all part of an enduring spirit. The result is always a thoroughbred Porsche. The new Cayenne Diesel.

Technical data

Engine	
Cylinders	6
Displacement	2,967 cm³
Max. power (DIN)	176 kW (240 hp)
at engine speed	4,000–4,400 rpm
Max. torque	550 Nm
at engine speed	2,000–2,250 rpm
Compression ratio	16.8:1
Transmission	
Layout	All-wheel drive
6-speed Tiptronic S	Standard
Low-range ratio	2.7:1
Chassis	
Front axle	Extra-large format double wishbone suspension, fully independent
Rear axle	Multi-link suspension, fully independent
Steering	Power-assisted (hydraulic)
Brakes	6-piston monobloc aluminium fixed calipers at front, 4-piston monobloc aluminium fixed calipers at rear
Wheels	7.5J x 17

Weights	
Unladen weight (DIN)	2,240 kg
Unladen weight (EC)*	2,315 kg
Permissible gross weight	3,015 kg
Max. payload	775 kg
Performance	
Top speed	214 km/h (133 mph)
0–100 km/h (0–62 mph)	8.3 secs
Flexibility 80–120 km/h (50–75 mph) in 5th gear	10.1 secs
Fuel consumption/emissions**	
Fuel type	Diesel
Urban	11.6 l/100 km (24.4 mpg)
Extra urban	7.9 l/100 km (35.8 mpg)
Combined	9.3 l/100 km (30.4 mpg)
CO ₂ emissions	244 g/km

*Weight is calculated in accordance with the relevant EC Directives and is valid for standard specification vehicles only. Some optional equipment may increase this weight. The figure given includes 68 kg for the driver and 7 kg for luggage.

**Data recorded for standard-specification vehicle in accordance with 80/1268/EC as valid at the time of publication. This data was not recorded on one individual vehicle, does not constitute part of the offer and is provided solely for the purposes of comparison. For more information, please contact your Porsche Centre.

The model featured in this publication is approved for road use in Germany. Some items of equipment are available as extra-cost options only. The availability of the model and options may vary from market to market due to local restrictions and regulations. For information on standard and optional equipment, please consult your Porsche Centre. All information in respect of construction, features, design, performance, dimensions, weight, fuel consumption and running costs is correct at the time of publication.

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