

### Specifications Porsche Cayenne Diesel\*

<b>Body:</b>	Unitary, fully-galvanised lightweight all-steel bodyshell; driver and front passenger airbags operating in two stages; thorax side airbags for driver and front passenger; curtain airbags extending across the roof frame and the side windows from the A to C pillar; five seats.
<b>Aerodynamics:</b>	Drag coefficient $C_d = 0.36$ Frontal surface $A = 2.8 \text{ m}^2$ $C_d \times A = 1.008$
<b>Power Unit:</b>	Six-cylinder V-engine; grey-cast-iron engine block; aluminium cylinder heads; four overhead camshafts; four valves per cylinder; hydraulic valve play compensation; common-rail direct diesel injection (1800 bar) through piezo-injection valves; one turbo-charger with variable turbine geometry (VTG); two intercoolers; fully controlled exhaust gas recirculation with cooler; intake system with map-controlled throttle butterflies; pressure lubrication circuit controlled in two staged with wet sump; engine oil capacity 8.7 litres; exhaust management with oxidation catalyst and diesel particle filter; thermal management of transmission cooling circuits; Auto Start Stop.
<b>Bore:</b>	83.0 mm (3.27")
<b>Stroke:</b>	91.4 mm (3.60")
<b>Capacity:</b>	2967 cc
<b>Compression Ratio:</b>	16.8:1
<b>Max Output:</b>	176 kW/240 bhp from 4000 – 4400 rpm
<b>Max Torque:</b>	550 Nm/405 lb-ft from 2000 – 2250 rpm
<b>Output-per-Litre:</b>	59.3 kW/80.9 bhp
<b>Max Engine Speed:</b>	5100 rpm
<b>Fuel Grade:</b>	Diesel
<b>Electrical System:</b>	12 V; 3080 W three-phase alternator; 92 Ah/520 A battery; recuperation of on-board network

\* Specifications may vary according to markets

## Specifications • Porsche Cayenne Diesel

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**Power Transmission:** Engine and transmission bolted together to form one drive unit; permanent all-wheel drive with self-locking centre differential; basic distribution of drive power and traction (front/rear) 40:60; eight-speed Tiptronic S.

Gear ratios:

1 <sup>st</sup>	4.97
2 <sup>nd</sup>	2.84
3 <sup>rd</sup>	1.86
4 <sup>th</sup>	1.44
5 <sup>th</sup>	1.21
6 <sup>th</sup>	1.00
7 <sup>th</sup>	0.83
8 <sup>th</sup>	0.69
Reverse	4.07
Final drive:	3.27
Converter diameter:	272 mm/10.7"

**Chassis and Suspension:** Front axle: Aluminium double track control arm axle; spring struts with steel springs and inner-mounted, hydraulic twin-sleeve gas pressure dampers.

Rear axle: Multi-arm axle with track control arm at the bottom, two individual arms at the top and tie-rod; spring struts with steel springs and inner-mounted, hydraulic twin-sleeve gas pressure dampers.

**Brakes:**

Twin-circuit brake system with front-to-rear axle split.

Front: six-piston aluminium monobloc brake callipers; inner-vented brake discs 350 mm/13.78" in diameter and 34 mm/1.34" thick.

Rear: four-piston aluminium monobloc brake callipers, inner-vented brake discs 330 mm/13.00" in diameter and 28 mm/1.10" thick.

## Specifications • Porsche Cayenne Diesel

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Porsche Stability Management (PSM); vacuum brake servo; Brake Assistant; electrical parking brake.

**Wheels and Tyres:** Front and rear 8.0 J x 18 on 255/55 R 18 109Y XL

**Weight:**

Unladen, DIN	2100 kg (4630 lb)
Max permissible	2860 kg (6306 lb)
Max trailer load	3500 kg (7718 lb)
Max roofload	100 kg (220 lb)

**Dimensions:**

Length	4846 mm (190.8")
Width	1939 mm (76.3")
Height	1705 mm (67.1")
Wheelbase	2895 mm (114.0")

Track	front	1655 mm (65.2")
	rear	1669 mm (65.7")

Luggage compartment	670 – 1780 litres
Tank capacity	85 litres (18.6 imp gals)

**Performance:** Top speed 218 km/h (135 mph)

Acceleration:	
0 – 100 km/h	7.8 sec

0 – 160 km/h	20.2 sec
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Standing-start km	28.9 sec
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## Specifications • Porsche Cayenne Diesel

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**Fuel Consumption  
(NEDC):**

Urban	8.7 ltr/100 km (32.5 mpg)
Extra-urban	6.6 ltr/100 km (42.8 mpg)
Combined	7.4 ltr/100 km (38.2 mpg)

**CO<sub>2</sub> Emissions:**

Urban	231 g/km
Extra-urban	175 g/km
Combined	195 g/km

**Emission Rating:**

Euro 5