

2013 Porsche Cayenne Technical Specifications



Cayenne Diesel	
Engine	
Engine Concept	Water-cooled, front-mounted V6
Construction	Compacted graphite iron engine block and aluminum alloy cylinder heads
Valvetrain	Double overhead cam, four valves per cylinder, maintenance-free hydraulic lifters, auxiliaries and camshafts driven by maintenance free chains
Intake System	Common rail injection system
Lubrication	Volume flow controlled oil pump (chain driven)
Management	Bosch EDC17 engine management system
Electrical System	220A, air-cooled alternator, 450 A/ 85 Ah battery
Fuel	Ultra low sulfur diesel
Bore	3.27 in.
Stroke	3.6 in.
Displacement	3.0 Liters
Maximum Horsepower	240 hp @ 3500-4000 rpm
Maximum Torque	406 lb.-ft. at 1750-2500 rpm
Compression ratio	16:8:1
Engine redline	4600 rpm
Output per liter	80
Drivetrain	Four wheel drive with 8-speed automatic transmission, torsen and adaptive torque distribution
Transmission	
Manual transmission	N/A
Automatic transmission	8-speed Tiptronic S; all-wheel drive with electronically controlled, map-based multiple-plate clutch
Ratios	
1st	4.97
2nd	2.84
3rd	1.86
4th	1.44
5th	1.21
6th	1
7th	0.83
8th	0.69
Reverse	4.07
Final Drive Ratio	3.27
Chassis	
Drag Coefficient	0.37
Front Suspension	Fully independent double-wishbone front axle
Rear Suspension	Fully independent multi-link
Steering Ratio	16.7 to 13.3:1
Turning Circle	39.1 ft.
Brakes	Six-piston, fixed aluminum monobloc front calipers and four-piston rear calipers; discs internally vented and cross-drilled
Wheels	8.0J x 18
Tires	255/55 R18

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Dimensions	
Wheelbase	114.0 in.
Overall length	190.8 in.
Width	76.3 in.
Front track (in/mm)	65.2 in.
Legroom*	67.1 in.
Headroom	
Height	67.4 in.
Curb weight	4,795 lbs.
Luggage capacity	62.9 cu. ft.
Fuel tank capacity	26.4 gal.
Payload	1331 lbs.
Towing Capacity	7716 lbs.
Fuel Consumption (mpg)	
City	TBD
Highway	TBD
Combined	TBD
Performance	
0-60	7.2 secs
Top track speed (PDK)	135 mph
* Interior Length: Driver's Side: from depressed pedal to the hip point of seat	