



## Technical Specifications

### Cayenne V6

### Cayenne Diesel

#### Engine

Engine Concept	Water-cooled, front-mounted V6	Water-cooled, front-mounted V6
Construction	Cast iron engine block and aluminum alloy cylinder heads	Compacted graphite iron engine block and aluminum alloy cylinder heads
Valvetrain	Dual overhead camshafts, 4 valves per cylinder, infinite variable valve timing on intake and outlet side	Double overhead cam, four valves per cylinder, maintenance-free hydraulic lifters, auxiliaries and camshafts driven by maintenance free chains
Fuel System	DME Bosch Control System	Common rail injection system
Lubrication	Pressure lubrication with wet sump	Volume flow controlled oil pump (chain driven)
Management	MED 17 engine management system	Bosch EDC17 engine management system
Electrical System	3,080 watt alternator, 92 Ah battery	Air-cooled alternator, 520 A/ 92 Ah battery
Fuel	Premium unleaded	Ultra low sulfur diesel
Bore	89.0 mm	83.0 mm
Stroke	96.4 mm	91.4 mm
Displacement	3,598 cm <sup>3</sup>	2,967 cm <sup>3</sup>
Maximum Horsepower	300 @ 6300 rpm	240 hp @ 3500-4000 rpm
Maximum Torque	295 lb-ft @ 3000 rpm	406 lb.-ft. at 1750-2500 rpm
Compression ratio	11.65:1	16.8:1
Engine redline	6700 rpm	4600 rpm
Output per liter	83.4	80.9
Drivetrain	Active all-wheel drive	Permanent four wheel drive with 8-speed automatic transmission, torsen differential with adaptive torque distribution

#### Transmission

Manual transmission	6-speed manual	N/A
Automatic transmission	8-speed Tiptronic S with Auto Start Stop function; all-wheel drive with electronically controlled, map-based multiple-plate clutch	8-speed Tiptronic S; all-wheel drive with electronically controlled, map-based multiple-plate clutch
<b>Ratios</b>		
1st	4.68 (4.85 autom.)	4.97
2nd	2.53 (2.84)	2.84
3rd	1.69 (1.86)	1.86
4th	1.22 (1.44)	1.44
5th	1 (1.22)	1.21
6th	0.84 (1.0)	1
7th	(0.82)	0.83
8th	(0.67)	0.69
Reverse	4.27 (3.83)	4.07
Final Drive Ratio rear (front)	3.7 (3.27)	3.27
Clutch diameter	10.24 in.	



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#### Chassis

Drag Coefficient	0.36	0.36
Front Suspension	Fully independent double-wishbone front axle	Fully independent double-wishbone front axle
Rear Suspension	Fully independent multi-link	Fully independent multi-link
Steering Ratio	15.9:1 to 12.5:1	15.9 to 12.5:1
Turning Circle	39.1 ft.	39.1 ft.
Brakes	6-piston monobloc aluminum fixed calipers at front, 4-piston monobloc aluminum at rear, front: 13.78 in. (14.17 in. autom.) diameter internally vented discs (rear: both 12.99 in.), calipers painted black	Six-piston, fixed aluminum monobloc front calipers and four-piston rear calipers; discs internally vented and cross-drilled
Wheels (std.)	8.0J x 18	8.0J x 18
Tires (std.)	255/55 R18	255/55 R18

#### Dimensions

Wheelbase	114.0 in.	114.0 in.
Overall length	190.8 in.	190.8 in.
Width, mirrors excl.	76.3 in.	76.3 in.
Width, mirrors incl.	84.8 in.	84.84 in.
Front track	65.2 in.	65.2 in.
Legroom*	67.1 in.	67.1 in.
Headroom	39.57 in.	39.57 in.
Height	66.9 in.	67.4 in.
Curb weight manual (autom.)	4398 (4475) lbs.	4,795 lbs.
Luggage capacity	62.9 cu. ft.	62.9 cu. ft.
Fuel tank capacity	22.4 gal.	26.4 gal.
Payload	1698 lbs.	1488 lbs.
Towing Capacity	7716 lbs.	7716 lbs.

#### Fuel Consumption (mpg)

City (manual/Tiptronic)	15/16	/20
Highway (manual/Tiptronic)	22/23	/29
Combined (manual/Tiptronic)	18/19	/23

#### Performance

0-60	7.1 sec (7.4)	7.2 sec
Top track speed (Tiptronic)	143 mph	135 mph

\* Interior Length: Driver's Side: from depressed pedal to the hip point of seat