

2011 Models

Specifications

	Cayenne		Cayenne S
Engine Concept	Water-cooled, front-mounted V6		Water-cooled, front-mounted V8
Construction	Cast iron engine block and aluminum alloy cylinder heads		Aluminum alloy engine block and cylinder heads
Valvetrain	Dual overhead camshafts, 4 valves per cylinder, infinite variable valve timing on intake and outlet side		Four overhead camshafts, 4 valves per cylinder, VarioCam Plus valve timing
Intake System	Direct Fuel Injection (DFI)		
Lubrication	Forced-feed lubrication with wet sump		Integrated dry-sump lubrication
Management	MED 17		EMS SDI 8.1
Electrical System	3,080 watt alternator, 92 Ah battery		2,660 watt alternator, 95 Ah battery
Fuel	premium unleaded		
Bore	3.50 in. (89 mm)		3.78 in. (96 mm)
Stroke	3.80 in. (96.4 mm)		3.26 in. (83 mm)
Displacement	3,598 cc (3.6 l)		4,806 cc (4.8 l)
Max. Horsepower	300 hp @ 6300 rpm		400 hp @ 6500 rpm
Max. torque (lb.ft.)	295 lb.ft. @ 3000 rpm		369 lb.ft. @ 3500 rpm
Engine redline	6700 rpm		
Compression ratio	11.7:1		12.5:1
Output per liter	83.4 hp		83.2 hp
Drivetrain	6-speed manual with all-wheel drive/8-speed Tiptronic S with Auto Start Stop function; all-wheel drive with electronically controlled, map-based multiple-plate clutch		8-speed Tiptronic S with Auto Start Stop function; all-wheel drive with electronically controlled, map-based multiple-plate clutch
Gear Ratios	Manual	Tiptronic S	Tiptronic S
1	4.68	4.85	4.97
2	2.53	2.84	2.84
3	1.69	1.86	1.86
4	1.21	1.44	1.44
5	1.00	1.21	1.21
6	0.84	1.00	1.00
7	NA	0.82	0.83
8	NA	0.67	0.69
R	4.27	3.83	4.07
Final Drive	3.70		3.09

Clutch or Converter Diameter	10.1 in. (260 mm)	9.5 in. (241 mm)	10.7 in. (272 mm)
Body	Monocoque with all-steel lightweight body shell, fully-galvanized, five seats, dual front airbags and side curtain airbags from the A to the C pillars		
Drag Coefficient	0.36		
Turning Circle	39.1 ft.		
Front Suspension	Fully independent double wishbone with rack and pinion steering (power-assist), spring struts with steel springs and inner-mounted, hydraulic twin-sleeve gas pressure dampers		
Rear Suspension	Fully independent multi-link, spring struts with steel springs and inner-mounted, hydraulic twin-sleeve gas press dampers		
Brakes	Ventilated discs front and rear, Porsche Stability Management (PSM), vacuum brake servo, brake assistant, electric parking brake		
Front	Six-piston aluminum monobloc fixed calipers		
Rear	Four-piston aluminum monobloc fixed calipers		
Front Brake Discs	13.78 in. x 1.34 in. (350 mm x 34 mm)	4.15 in. x 1.42 in. (360 mm x 36 mm)	
Rear Brake Discs	12.99 in. x 1.10 in. (330 mm x 28 mm)	2.99 in. x 1.10 in. (330 mm x 28 mm)	
Wheels and Tires			
Front	8 J x 18 with 255/55 R 18		8 J x 18 with 255/55 R 18
Rear	8 J x 18 with 255/55 R 18		8 J x 18 with 255/55 R 18
Exterior Dimensions			
Front Track	65.2 in. (1655 mm)		
Rear Track	65.7 in. (1669 mm)		
Wheelbase	114.0 in. (2895 mm)		
Length	190.8 in. (4846 mm)		
Width	76.3 in. (1939 mm)		
Height	67.4 in. (1705 mm)		
Ground Clearance	8.7 in.		
Ramp Breakover Angle	21 degrees		
Approach Angle	26.5 degrees		
Departure Angle	25 degrees		
Interior Dimensions			
Headroom, Front	39.6 in. (1005 mm)		
Interior Length Driver's Side	75.6 in. (1921 mm)		
Interior Length Passenger's Side	69.2 in. (1758 mm)		
Shoulder Room, Front	58.9 in. (1496 mm)		
Elbow Rom Front	57.8 in (1467 mm)		
Luggage Capacity			
Rear Seat Up	23.7 cu.ft. (670 l)		
Rear Seat Down	62.9 cu.ft (1,780 l)		

Fuel Tank Capacity	22.4 gal. (85 l)		
	Manual	Tiptronic S	Tiptronic S
Curb Weight	4398 lbs.	4475 lbs.	4553 lbs.
GVWR	6096 lbs.	6173 lbs.	6261 lbs.
Maximum Load	1698 lbs.	1698 lbs.	1709 lbs.
Towing Capacity	5952 lbs.	7716 lbs.	7716 lbs.
Fuel economy city/hwy [EPA rated mpg]	15 city/ 22 highway	16 city/23 highway	16 city/22 highway
Top Track Speed	142 mph (230 km/h)		160 mph (258 km/h)
Acceleration			
0-60 mph (0-96 km/h)	7.1 sec.	7.4 sec.	5.6 sec.