

2011 Model

Specifications

Cayenne Turbo	
Engine Concept	Water-cooled, front-mounted V8
Construction	Aluminum alloy engine block and cylinder heads
Valvetrain	Four overhead camshafts, 4 valves per cylinder, VarioCam Plus valve timing
Intake System	Direct Fuel Injection (DFI) with twin turbochargers
Lubrication	integrated dry-sump lubrication
Management	EMS SDI 8.1
Electrical System	2,660 watt alternator, 92 Ah battery
Fuel	premium unleaded
Bore	3.78 in. (96 mm)
Stroke	3.27 in. (83 mm)
Displacement	4806 cc (4.8 l)
Max. Horsepower	500 hp @ 6000 rpm
Max. torque (lb.ft.)	516 lb.ft. @ 2,250 - 4500 rpm
Engine redline	6700 rpm
Compression ratio	10.5:1
Output per liter	104 hp
Turbo Boost Pressure	NA
Drivetrain	8-speed Tiptronic S with Auto Start Stop function; all-wheel drive with electronically controlled, map-based multiple-plate clutch
Gear Ratios	
1	4.92
2	2.81
3	1.84
4	1.43
5	1.21
6	1.00
7	0.83
7	0.69
R	4.03
Final Drive	2.92
Clutch Diameter	10.71 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 air springs and inner-mounted, hydraulic twin-sleeve gas pressure dampers. Air suspension with self-leveling and height adjustment, infinite damper adjustment and three Porsche Active Suspension Management (PASM) control maps

Rear Suspension	Fully independent multi-link, spring struts with air springs and inner-mounted, hydraulic two-sleeve gas pressure dampers. Air suspension with self-leveling and height adjustment, infinite damper adjustment and three Porsche Active Suspension Management (PASM) control maps
Brakes	Ventilated discs front and rear, Porsche Stability Management (PSM), vacuum brake servo, brake assistant, electric parking brake
Front	six-piston, monobloc, aluminum-fixed calipers with two-piece inter-vented discs
Rear	four-piston, aluminum-fixed calipers with cross-drilled, inter-vented discs
Front Brake Discs	15.35 in. x 1.50 in (390 mm x 38 mm)
Rear Brake Discs	14.09 in. x 1.10 in (358 mm x 28 mm)
Wheels and Tires	
Front	8.5 J x 19 with 265/50 R19
Rear	8.5 J x 19 with 265/50 R19
Exterior Dimensions	
Front Track	64.7 in. (1643 mm)
Rear Track	65.2 in. (1657 mm)
Wheelbase	114.0 in. (2895 mm)
Length	190.8 in. (4846 mm)
Width	76.3 in. (1939 mm)
Height	67.0 in. (1702 mm)
Ground Clearance	8.5 in.
Ramp Breakover Angle	20 degrees
Approach Angle	26 degrees
Departure Angle	24.5 degrees
Interior Dimensions	
Headroom, Front	39.6 in. (1005 mm)
Interior Length	75.6 in. (1921 mm)
Interior Length	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	60.2 cu.ft (1,705 l)
Fuel Tank Capacity	26.4 gal. (100 l)
Curb Weight	4784 lbs.
GVWR	6349 lbs.
Maximum Load	1565 lbs.
Towing Capacity	7716 lbs.
Fuel economy city/hwy [EPA rated mpg]	15 city/22 highway
Top Track Speed	172 mph (278 km/h)
Acceleration	
0-60mph (0-96 km/h)	4.4 sec.