



PORSCHE

Cayenne Turbo S

Porsche Models
Technical Data

Price	\$157,300
Engine	
Engine layout	Front engine
Engine type	V8 twin-turbo
Cylinders	8
Valves per cylinder	4
Construction	Aluminum block and heads
Fuel injection	Direct Fuel Injection (DFI)
Fuel	Premium
Displacement (Liters)	4.8
Bore/Stroke (mm/mm)	96 mm / 83 mm
Maximum horsepower @ rpm	570 hp @ 6,000
Maximum torque @ rpm	590 lb.-ft. @ 2,500 - 4,000
Maximum engine speed (rpm)	6700
Compression ratio	10.5:1
Output per liter	118.6
Lubrication	Integrated dry-sump lubrication
Electrical System	12 V, 2660 W alternator, battery capacity 92 Ah
Power to weight ratio (lb/hp)	8.64 lb/hp
Management	DME Conti SDI 10
Drivetrain	Active all wheel drive
Chassis & Suspension	
Body	Monocoque lightweight body in a combination of steel, aluminum and magnesium
Front Axle	Aluminum double wishbone
Rear Axle	Aluminum multi-link
Steering System	Variable ratio power steering
Steering Ratio	15.9 : 1
Turning Circle	39.0 ft.
Brakes & Wheels	
Caliper type	Aluminum monobloc fixed-caliper brake
Rotor material	Composite ceramic
Caliper color	Yellow
Number of pistons (front/rear)	10 / 4
Rotor diameter (front/rear) mm	420 mm / 370 mm
Rotor thickness (front/rear) mm	40 mm / 30 mm
Standard wheel [size & name]	21" RS Spyder Design Wheel
Wheels (front/rear)	10J x 21" ET 50
Tires (front/rear)	295/35 R21
Transmission	
Number of gears	8-speed
Transmission type	Tiptronic
Ratios	
1st	4.92
2nd	2.81
3rd	1.84
4th	1.43
5th	1.21
6th	1.00
7th	0.83
8th	0.69
Reverse	4.02
Front Axle Ratio	2.58
Rear Axle Ratio	2.92
Final Drive Ratio	2.92
Clutch/Converter diameter (inches)	10.7 in.
Dimensions, Aerodynamics, & Weight	
Length (inches/mm)	191.1 in / 4855 mm
Wheelbase (inches/mm)	114.0 in. / 2895 mm
Width w/ mirrors (inches/mm)	85.2 in. / 2165 mm
Width w/o mirrors (inches/mm)	78.7 in. / 2000 mm
Height- Air Suspension, Normal (inches)	67.0
Height- Air Suspension, Loading Level (inches)	64.9
Height- Air Suspension, Low Level (inches)	66.1
Height- Air Suspension, Low Level @ speed (inches)	65.7
Height- Air Suspension, Off-road I (inches)	68.0
Height- Air Suspension, Off-road II (inches)	69.2
Track width front (inches/mm)	65.4 in. / 1661 mm
Track width rear (inches/mm)	65.9 in. / 1675 mm
Drag coefficient (Cd)	0.36
Legroom (inches)	TBD
Headroom (inches)	TBD
Cargo area volume (cu.-ft.) seats up	24 cu.-ft.
Cargo area volume (cu.-ft.) seats down	60 cu.-ft.
Fuel tank capacity - refill volume (gal)	26.4 gal.
Curb weight (lbs) min	4927 lbs.
Curb weight (lbs) max	5478 lbs.
Gross Vehicle Weight (lbs)	6393 lbs.
Payload range (lbs) - depend on options	915 lbs. - 1466 lbs.
Roof load- Max (lbs)	220 lbs.
Towing Capacity- unbraked (lbs)	1653 lbs.
Towing Capacity- braked (lbs)	7716 lbs.
Tongue Weight- Max (lbs)	617 lbs.
Off-road (Cayenne/Macan)	
Ground Clearance- Air Suspension, Normal (inches)	8.4 in.
Ground Clearance- Air Suspension, Loading Level (inches)	6.4 in.
Ground Clearance- Air Suspension, Low Level (inches)	7.6 in.
Ground Clearance- Air Suspension, Low Level @ speed (inches)	7.2 in.
Ground Clearance- Air Suspension, Off-road I (inches)	9.5 in.
Ground Clearance- Air Suspension, Off-road II (inches)	10.7 in.
Wading Depth- Air Suspension, Normal (inches)	19.6 in.
Wading depth- Air Suspension, Low Level (inches)	18.5 in.
Wading depth- Air Suspension, Low Level @ speed (inches)	18.3 in.
Wading depth- Air Suspension, Off-road I (inches)	20.6 in.
Wading depth- Air Suspension, Off-road II (inches)	21.8 in.
Ramp-over angle- Air Suspension, Normal (degrees)	20.0°
Ramp-over angle- Air Suspension, Loading Level (degrees)	16.0°
Ramp-over angle- Air Suspension, Low Level (degrees)	18.5°
Ramp-over angle- Air Suspension, Low Level @ speed (degrees)	17.5°
Ramp-over angle- Air Suspension, Off-road I (degrees)	22.5°
Ramp-over angle- Air Suspension, Off-road II (degrees)	25.0°
Approach angle- Air Suspension, Normal (degrees)	26.4°
Approach angle- Air Suspension, Loading Level (degrees)	22.2°
Approach angle- Air Suspension, Low Level (degrees)	25.0°
Approach angle- Air Suspension, Low Level @ speed (degrees)	23.6°
Approach angle- Air Suspension, Off-road I (degrees)	27.8°
Approach angle- Air Suspension, Off-road II (degrees)	29.8°
Departure angle- Air Suspension, Normal (degrees)	23.6°
Departure angle- Air Suspension, Loading Level (degrees)	21.0°
Departure angle- Air Suspension, Low Level (degrees)	23.0°
Departure angle- Air Suspension, Low Level @ speed (degrees)	21.1°
Departure angle- Air Suspension, Off-road I (degrees)	24.7°
Departure angle- Air Suspension, Off-road II (degrees)	26.7°
Performance	
Top track speed (mph)	176 mph
Acceleration 0-60 with Sport Chrono (sec)	3.8 sec
Fuel Economy/Rating	
Rating	TBD
City	TBD
Highway	TBD
Combined	TBD