

		Cayenne	Cayenne E-Hybrid	Cayenne S	Cayenne Turbo	Cayenne Turbo S E-Hybrid
Technical Data						
Engine						
Engine layout	Front Engine	Front Engine	Front Engine	Front Engine	Front Engine	Front Engine
Engine type	Mono-turbo V6	Mono-turbo V6	Twin-turbo V6	Twin-turbo V8	Twin-turbo V8	Twin-turbo V8
Cylinders	6	6	6	8	8	8
Valves per cylinder	4	4	4	4	4	4
Fuel injection	DFI	DFI	DFI	DFI	DFI	DFI
Fuel	Premium	Premium	Premium	Premium	Premium	Premium
Displacement (liters)	3.0	3.0	2.9	4.0	4.0	4.0
Bore/Stroke (mm)	84.5 x 89.0	84.5 x 89.0	84.5 x 86.0	86.0 x 86.0	86.0 x 86.0	86.0 x 86.0
Maximum power (hp) @ engine speed (1/min)	335 @ 5,300 - 6,400	335 @ 5,300 - 6,400	434 @ 5,700-6,600	541 @ 5,750-6,000	541 @ 5,750-6,000	541 @ 5,750-6,000
Maximum torque (lb.-ft.) @ engine speed (1/min)	332 @ 1,340-5,300	332 @ 1,340-5,300	405 @ 1,800-5,500	567 @ 1,960-4,500	567 @ 1,960-4,500	567 @ 1,960-4,500
Maximum engine speed (1/min)	6500	6500	6800	6800	6800	6800
Compression ratio	11.2:1	11.2:1	10.5:1	10.1:1	10.1:1	10.1:1
Electric Motor: Maximum power (hp)	N/A	134 @ 2,800	N/A	N/A	N/A	134
Electric Motor: Maximum torque (lb.-ft.)	N/A	295 @ 100 - 2,400	N/A	N/A	N/A	295
Total Output: ICE + Electric Motor (hp)	N/A	455 @ 5,250 - 6,400	N/A	N/A	N/A	670
Total Output: ICE + Electric Motor (lb.-ft.)	N/A	516 @ 1,000 - 3,750	N/A	N/A	N/A	663
Power to weight ratio (hp/ton)	113.5	10.4	10.9	9.3	8.5	8.5
hp/liter	113.3	113.3	151.7	137.5	135.25	
Chassis & Suspension						
Drivetrain	All-wheel drive	All-wheel drive	All-wheel drive	All-wheel drive	All-wheel drive	All-wheel drive
Front Axle	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension
Rear Axle	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension	Aluminum multi-link suspension Aluminum multi-link axle with subframe, independent wheel suspension
Steering System	Electromechanical	Electromechanical	Electromechanical	Electromechanical	Electromechanical	Electromechanical
Steering Ratio	13.1:1 / 12.2:1 (w/ RAS)	13.1:1 / 12.2:1 (w/ RAS)	13.1:1 / 12.2:1 (w/ RAS)	13.1:1 / 12.2:1 (w/ RAS)	13.1:1 / 12.2:1 (w/ RAS)	13.1:1 / 12.2:1 (w/ RAS)
Brakes & Wheels						
Caliper type	Aluminum monobloc fixed, front and rear	Aluminum monobloc fixed, front and rear	Aluminum monobloc fixed, front and rear	Aluminum monobloc fixed, front and rear	Aluminum monobloc fixed, front and rear	Aluminum monobloc fixed, front and rear
Rotor construction	cast iron	cast iron	cast iron	cast iron tungsten carbide coated	cast iron tungsten carbide coated	cast iron tungsten carbide coated
Caliper color	black	acid green	white	grey	white	white
Number of pistons (front/rear)	4/2	6/4	6/4	10/4	10/4	10/4
Rotor diameter (front/rear) mm	350/330	360/358	390/330	415/365	440/410	440/410
Rotor thickness (front/rear) mm	34/26	36/28	38/28	40/28	40/32	40/32
Wheel size and design	19" Cayenne wheels	19" Cayenne wheels	19" Cayenne S wheels	21" Cayenne Turbo wheels	21" AeroDesign Wheels	21" AeroDesign Wheels
Wheels: front/rear	8.5 J x 19 ET 47 9.5 J x 19 ET 54	8.5 J x 19 ET 47 9.5 J x 19 ET 54	8.5 J x 19 ET 47 9.5 J x 19 ET 54	9.5 J x 21 ET 46 11 J x 21 ET 58	9.5 J x 21 ET 46 11 J x 21 ET 58	9.5 J x 21 ET 46 11 J x 21 ET 58
Tires: front/rear	255/55 ZR 19 275/50 ZR 19	255/55 ZR 19 275/50 ZR 19	255/55 ZR 19 275/50 ZR 19	285/40 R 21 315/35 R 21	285/40 R 21 315/35 R 21	285/40 R 21 315/35 R 21
Transmission						
Number of gears	8-speed	8-speed	8-speed	8-speed	8-speed	8-speed
Transmission type	Tiptronic S	Tiptronic S	Tiptronic S	Tiptronic S	Tiptronic S	Tiptronic S
Gear ratios	1st	5.00	4.71	5.00	4.71	4.71
	2nd	3.20	3.14	3.20	3.14	3.14
	3rd	2.14	2.11	2.14	2.10	2.10
	4th	1.72	1.67	1.72	1.66	1.66
	5th	1.31	1.29	1.31	1.28	1.28
	6th	1	1	1	1	1
	7th	0.82	0.84	0.82	0.83	0.83
	8th	0.64	0.67	0.64	0.66	0.66
	Reverse	3.48	3.32	3.48	3.48	3.48
Dimensions, Aerodynamics, & Weight						
Length (inches)	193.6	193.6	193.6	194	194	194
Wheelbase (inches)	114	114	114	114	114	114
Width w/ mirrors (inches)	86.3	86.3	86.3	86.4	86.4	86.4
Width w/o mirrors (inches)	78	78	78	78.1	78.1	78.1
Height (inches)	66.7	66.7	66.7	65.8	65.1	65.1
Track width front (inches)	66.1	66.1	66.1	66.5	66.5	66.5
Track width rear (inches)	65.8	65.8	65.8	65.8	65.8	65.8
Drag coefficient (Cd)	0.34	0.34	0.3	0.35	0.35	0.35
Cargo area volume (cu.-ft.) seats up	27.2	22.7	27.2	26.3	22.7	22.7
Cargo area volume (cu.-ft.) seats down	60.3	56.8	60.3	59.3	56.6	56.6
Fuel tank capacity - refill volume (gal)	23.7	19.8	23.7	23.7	19.8	19.8
Curb weight (lbs)	4581	5164	4740	5055	5675	5675
Gross Vehicle Weight (lbs)	6239	6680	6281	6470	6779	6779
Payload, maximum (lbs)	1658	1516	1521	1300	1104	1104
Weight distribution (l/r)	54.2 / 45.8	53.6 / 46.4	56.4 / 43.6	57 / 43	TBD	TBD
Towing capacity braked (lbs)	7716	7716	7716	7716	7716	7716
Towing capacity unbraked (lbs)	1653	1653	1653	1653	1653	1653
Off-road						
Ground Clearance- Steel Suspension (inches)	8.26"	--	--	--	--	--
Ground Clearance- Steel Suspension with PASM (inches)	--	8.26"	8.26"	8.26"	8.26"	8.26"
Ground Clearance- Air Suspension, Normal (inches)	7.4"	7.4"	7.4"	7.4"	7.4"	7.4"
Ground Clearance- Air Suspension, Loading Level (inches)	5.19"	5.19"	5.19"	5.19"	5.19"	5.19"
Ground Clearance- Air Suspension, Low Level (inches)	6.7"	6.7"	6.7"	6.7"	6.7"	6.7"
Ground Clearance- Air Suspension, Low Level @ speed (inches)	6.3"	6.3"	6.3"	6.3"	6.3"	6.3"
Ground Clearance- Air Suspension, Off-road I (inches)	8.4"	8.4"	8.4"	8.4"	8.4"	8.4"
Ground Clearance- Air Suspension, Off-road II (inches)	9.6"	9.6"	9.6"	9.6"	9.6"	9.6"
Wading Depth- Steel Suspension (inches)	19.6"	N/A	N/A	N/A	N/A	N/A
Wading Depth- Steel Suspension with PASM (inches)	19.6"	9.8"	19.6"	N/A	N/A	N/A
Wading Depth- Air Suspension, Normal (inches)	18.7"	8.85"	18.7"	18.7"	8.85"	8.85"
Wading depth- Air Suspension, Low Level (inches)	17.9"	8.14"	17.9"	17.9"	8.14"	8.14"
Wading depth- Air Suspension, Low Level @ speed (inches)	17.5"	7.75"	17.5"	17.5"	7.75"	7.75"
Wading depth- Air Suspension, Off-road I (inches)	19.6"	9.84"	19.6"	19.6"	9.84"	9.84"
Wading depth- Air Suspension, Off-road II (inches)	20.6"	11"	20.6"	20.6"	11"	11"
Ramp-over angle- Steel Suspension	18.7°	18.7°	18.7°	18.7°	N/A	N/A
Ramp-over angle- Air Suspension, Normal	16.7°	16.7°	16.7°	16.7°	16.7°	16.7°
Ramp-over angle- Air Suspension, Loading Level	13.8°	13.8°	13.8°	13.8°	13.8°	13.8°
Ramp-over angle- Air Suspension, Low Level	15.1°	15.1°	15.1°	15.1°	15.1°	15.1°
Ramp-over angle- Air Suspension, Low Level @ speed	14.3°	14.3°	14.3°	14.3°	14.3°	14.3°
Ramp-over angle- Air Suspension, Off-road I	18.9°	18.9°	18.9°	18.9°	18.9°	18.9°
Ramp-over angle- Air Suspension, Off-road II	21.1°	21.1°	21.1°	21.1°	21.1°	21.1°
Approach angle- Steel Suspension	25.2°	25.2°	25.2°	N/A	N/A	N/A
Approach angle- Air Suspension, Normal	23.3°	23.3°	23.3°	23.3°	23.3°	23.3°
Approach angle- Air Suspension, Loading Level	24.5°	24.5°	24.5°	24.5°	24.5°	24.5°
Approach angle- Air Suspension, Low Level	21.6°	21.6°	21.6°	21.6°	21.6°	21.6°
Approach angle- Air Suspension, Low Level @ speed	20.3°	20.3°	20.3°	20.3°	20.3°	20.3°
Approach angle- Air Suspension, Off-road I	25.5°	25.5°	25.5°	25.5°	25.5°	25.5°
Approach angle- Air Suspension, Off-road II	27.5°	27.5°	27.5°	27.5°	27.5°	27.5°
Departure angle- Steel Suspension	22.1°	22.1°	22.1°	22.1°	N/A	N/A
Departure angle- Air Suspension, Normal	22.4°	22.4°	22.4°	22.4°	22.4°	22.4°
Departure angle- Air Suspension, Loading Level	15.1°	15.1°	15.1°	15.1°	15.1°	15.1°
Departure angle- Air Suspension, Low Level	19°	19°	19°	19°	19°	19°
Departure angle- Air Suspension, Low Level @ speed	18.2°	18.2°	18.2°	18.2°	18.2°	18.2°
Departure angle- Air Suspension, Off-road I	22.3°	22.3°	22.3°	22.3°	22.3°	22.3°
Departure angle- Air Suspension, Off-road II	24.4°	24.4°	24.4°	24.4°	24.4°	24.4°
Performance						
Top track speed (mph)	152	157	164	177	183	183
Top electric speed (mph)	N/A	83	N/A	N/A	N/A	N/A
Acceleration 0-60 (sec)	5.9	N/A	4.9	3.9	N/A	N/A
Acceleration 0-60, w/ Performance Start (sec)	5.6	4.7	4.6	3.7	3.6	3.6
Acceleration 0-60, w/ Performance Start (sec) and Lightweight Sport Package	N/A	N/A	N/A	N/A	3.6	3.6
1/4 mile (sec)	14.4	N/A	13.3	12.4	N/A	N/A
1/4 mile w/ Performance Start (sec)	14.2	13.3	13.2	12.3	12	12
1/4 mile w/ Performance Start (sec) and Lightweight Sport Package	14.2	13.3	13.2	12.3	12	12
Fuel Economy/Rating*						
City	19	18	18	15	TBD	TBD
Highway	23	23	22	19	TBD	TBD
Combined	21	20	20	17	TBD	TBD

*US EPA estimates. Actual mileage will vary.