

Models

| | Cayenne Turbo | Cayenne Turbo S |
|-----------------------------|--|------------------|
| Engine Concept | Water-cooled, longitudinally-opposed, eight cylinder | |
| Construction | Engine Block and Cylinder Heads formed in aluminum | |
| Valvetrain | 4 valves per cylinder, VarioCam Plus valve timing, 2twin turbocharging | |
| Intake System | Direct Fuel Injection (DFI) | |
| Lubrication | integrated dry-sump lubrication | |
| Management | EMS SDI 4.1 | |
| Electrical System | 2660 watt alternator, 110 Ah battery | |
| Fuel | premium unleaded | |
| Bore | 3.78 in. (96mm) | 3.78 in. (96mm) |
| Stroke | 3.27 in. (83mm) | 3.27 in. (83mm) |
| Displacement | 4806cc | 4806cc |
| Max. Horsepower | 500hp @ 6000 rpm | 550hp @ 6000 rpm |
| Max. torque (lb.ft.) | 516 lbs/ft. | 553 lbs/ft. |
| Engine redline | 6700 rpm | 6700 rpm |
| Compression ratio | 10.5:1 | 10.5:1 |
| Output per liter | 76.6 | 84.1 |
| Drivetrain | 6 speed Tiptronic S transmission with all-wheel drive | |
| Power unit | | |
| Gearbox | Tiptronic S | Tiptronic S |
| Gear Ratios | | |
| 1 | 4.15 | 4.15 |
| 2 | 2.37 | 2.37 |
| 3 | 1.56 | 1.56 |
| 4 | 1.16 | 1.16 |
| 5 | 0.86 | 0.86 |
| 6 | 0.69 | 0.69 |
| 7 | -- | -- |
| R | 3.39 | 3.39 |
| Final Drive | 3.55 | 3.55 |
| Rear Axle | | |
| Front Axle | | |
| Clutch Diameter | 10.71 in. (272mm) | |

| | | |
|------------------------------|---|----------------------------|
| Body | Monocoque with all-steel lightweight body shell, hot-galvanized on both sides | |
| Drag Coefficient | 0.35 | 0.37 |
| Front Suspension | Independent with double-track control arm on subframe (spheroidal cast track control arm at the bottom, aluminum track control arm at the top) with full-load-bearing air spring struts with integrated dampers, Porsche Active Suspension Management damper system with on-demand, infinite damper force control | |
| Rear Suspension | Independent with multi-arm axle on subframe (steel plate track control arm at the bottom, aluminum track control arm at the top) with full-load-bearing air spring struts with integrated shocks, Porsche Active Suspension Management shock system with on-demand, infinite shock force control | |
| Brakes | Two-circuit system with separate brake circuits on each axle, standard anti-lock technology and vacuum brake servo | |
| 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 | 14.96 in. x 1.50 in (380mm x 38mm) | |
| Rear Brake Discs | 14.09 in. x 1.10 in (358mm x 28mm) | |
| Wheels and Tires | | |
| Front | 9J x 19 with 275/45 R19 | 10 J x 21 with 295/35 R 21 |
| Rear | 9J x 19 with 275/45 R19 | 10 J x 21 with 295/35 R 21 |
| Dimensions | | |
| Front Track | 64.61 in. (1641mm) | 65.39 in. (1661mm) |
| Rear Track | 65.20 in. (1656mm) | 65.98 in. (1676mm) |
| Wheelbase | 112.40 in. (2855mm) | |
| Length | 188.78 in. (4795mm) | |
| Width | 75.91 in. (1928mm) | 77.05 in. (1957mm) |
| Height | 66.77 in. (1696mm) | |
| Luggage Capacity | 19.07 cu.ft. (540l) | |
| Behind Front Seats | 34.43 cu.ft. (975l) | |
| Fuel Tank Capacity | 26.42 gal. (100l) | |
| Curb Weight | Tiptronic S | Tiptronic S |
| [lbs. / kg] | 5192 lbs. (2355kg) | 5192 lbs. (2355kg) |
| Fuel economy city/hwy | 12/19 | 12/19 |
| Top Track Speed | 171mph (275 km/h) | 174mph (280 km/h) |
| Acceleration | | |
| 0-60mph (0-96 km/h) | 5.1 sec. | 4.8 sec. |
| 0-99 mph (0-160 km/h) | 11.4 sec. | 10.9 sec. |