

Press Information – Technical Specifications

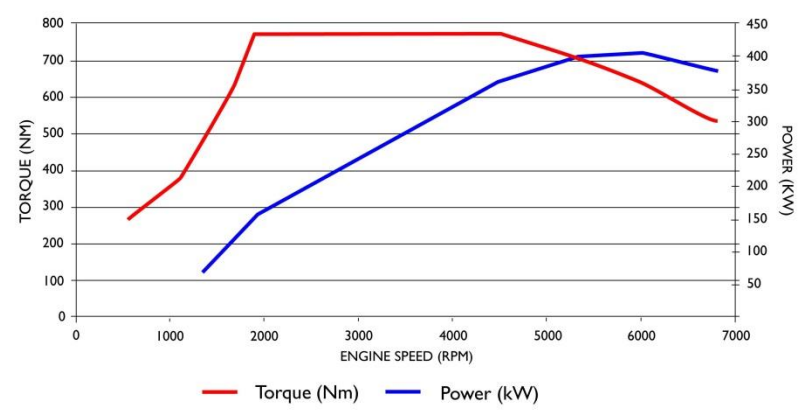
**BENTAYGA V8**

Four-door, four-, five- or seven-seat luxury performance SUV

General Data and Dimensions			
Length	5125 mm / 201.8"		
Width (inc. mirrors)	2222 mm / 87.5"		
Width (across body)	1998 mm / 78.7"		
Height	1742 mm / 68.6"		
Wheelbase	2995 mm / 117.9"		
Front track	1689 mm / 66.5"		
Rear track	1707 mm / 67.2"		
Front legroom	1058 mm / 41.7"		
Rear legroom	1039 mm / 40.9"		
Front headroom	966 mm / 38"	Drag coefficient	C <sub>D</sub> 0.34 (tbc)
Rear headroom	966 mm / 38"	Wheels	1x 21" design in 3 finishes, 2x 22" designs, 1 in 3 finishes, 1 in 2 finishes
Kerb weight (EU)	2416 kg / 5326 lb (five-seat)	Tyres	Pirelli 285/45 R21, 285/45 ZR21, 285/40ZR22
Gross vehicle weight	3250 kg / 7165 lb	Boot volume	Four-seat: 392 litres / 13.8 cu ft Five seat: 484 litres / 17.1 cu ft
Weight distribution	56:44 unladen, 48:52 fully loaded	Fuel capacity	85 litres / 18.7 UK gallons / 22.5 US gallons



Engine	
Configuration	4.0-litre twin-turbocharged V8
Capacity	3996 cc / 243.9 cubic inches
Induction	2x twin-scroll turbochargers, inside the V
Power	550 PS / 542 bhp / 404 kW @6000 rpm
Torque	770 Nm / 568 lb.ft @1960-4500 rpm
Bore x stroke	86 mm x 86 mm / 3.4" x 3.4"
Compression ratio	10.1:1
Fuel delivery	Direct injection
Fuel	Gasoline, 95-98 RON
Valve gear	2x overhead camshafts, adjustable duration, 32 valves
Cylinder deactivation	Four cylinders, valves and fuel deactivated at light load
Notes	



Chassis and Drivetrain			
Front suspension	Four link double wishbones, opt. 48V electric active anti-roll bar	Front brakes	400 mm ventilated iron / 440 mm CSiC
Rear suspension	Trapezoidal multi-link, optional 48V electric active anti-roll bar	Rear brakes	380 mm ventilated iron / 370 mm CSiC
Springs and dampers	Self-levelling air suspension, Continuous Damping Control	Calipers	6-piston front (iron) / 10-piston front (CSiC), sliding rear
Steering system	Electronic Power Assisted Steering, servotronic, variable ratio	Turning circle	12.4 m / 40.6 ft
Drive configuration	ZF eight-speed automatic gearbox, permanent all-wheel drive, Torsen centre differential, open rear differential with Electronic Diff Lock		
Gear ratios	1st: 4.71, 2nd: 3.14, 3rd: 2.1, 4th: 1.67, 5th: 1.29, 6th: 1.00, 7th: 0.839, 8th: 0.667, final drive: 2.85		
Notes	Four- or eight-mode drive mode control. Four ride heights. Bentley Dynamic Ride (48V electric active roll control) available.		

Exterior and Interior Specifications			
Body materials	Steel and aluminium monocoque, superformed aluminium front fenders, aluminium bonnet		
Headlights	Full matrix LED headlamps with signature daylight running lamps. LED rear lamps. New Bumper mounted secondary lamps.		
Infotainment	All-new 10.9" central touchscreen with gesture control, new navigation with 3D building display. DAB radio, Wireless Apple Carplay and Android Auto, optional digital TV. Voice control, and text-to-speech. Up to 6x USB-C slots, Bluetooth, 4G telephone module, 4G Wi-Fi hotspot. Touch Screen Remote for rear cabin control.		
Sound system	Standard eight channel Signature Audio features 590 W, 12 speakers (five Balanced Mode Radiators, four bass, two tweeters and sub-woofer). Naim for Bentley Premium Audio features 1780 W, 17 channels, 20 speakers including Super-Tweeters		
Safety	Driver's and passenger's airbags, front and rear side curtains, front and rear seat thorax bags. Crash detection and mitigation systems.		
Driver assistance	Suite of advanced technologies, including Head-Up Display, Night Vision, Park Assist, Traffic Sign Recognition and many others		
Paint colours	7 standard, 56 extended, bespoke on request	Hide colours	5 standard, 10 extended
Hood colours	NA	Veneer species	8 available

Performance	
0-60 mph	4.4 secs
0-100 mph	9.9 secs
0-100 km/h	4.5 secs
0-160 km/h	9.8 secs
Top speed	180 mph / 290 km/h

Fuel Economy and Emissions – NEDC cycle			
Urban	18.0 mpg / 15.7 litres/100 km	CO2 combined	265 g/km
Combined	24.4 mpg / 11.6 litres/100 km		
Extra Urban	30.4 mpg / 9.3 litres/100 km		
Compliance	EU6 DG		
Driving range	455 miles / 733 km		