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MULSANNE Detailed Specification

Technical

ENGINE

Engine Capacity	6752cc Twin-turbocharged V8	
Max. Power	505bhp / 377kW / 512PS @ 4200rpm	
Max.Torque	752lb-ft / 1020Nm @ 1750rpm	
Cam phasing and variable displacement		
Compression Ratio	7.8:1	
Emission Level	EU 5 / LEV II	
Fuel	EU 95 to 98 RON	US/ROW 92 to 98 RON

DRIVELINE AND TRANSMISSION

Eight-speed automatic gearbox with electronic shift interface, sport mode and steering wheel mounted paddleshift.
Rear wheel drive

PERFORMANCE

Max. Speed	184mph / 296km/h	
Acceleration	0 - 60mph	5.1 seconds
Acceleration	0 - 100km/h	5.3 seconds

FUEL CONSUMPTION

EU DRIVE CYCLE (EU drive cycle fuel consumption figures are provisional and subject to Type Approval)

Urban	11.2mpg	25.3 litres/100km
Extra-Urban	24.0mpg	11.8 litres/100km
Combined	16.8mpg	16.9 litres/100km

CO2 emissions (combined)

393g/km

EPA DRIVE CYCLE (US EPA fuel consumption figures are pending certification and not currently available)

City Driving	11 Usmpg
Highway Driving	18 Usmpg
Combined Driving	13 Usmpg

WEIGHTS AND VOLUMES

Kerb Weight	2585kg*	
Gross Weight	3090kg*	
Front Axle Weight	1535kg	
Rear Axle Weight	1640kg	
Boot Volume	443L	
Fuel tank capacity	96L	21.12 Gallons / 25.36 US Gallons

*subject to Type Approval

DIMENSIONS

Overall Length	5575mm	18ft 3in
Width across mirrors	2208mm	7ft 3in
Width with mirrors folded	1926mm	6ft 4in
Height	1521mm	5ft
Wheel Base	3266mm	
Front Track	1615mm	
Rear Track	1652mm	

Standard

BODY & EXTERIOR

Steel monocoque body structure with front and rear energy-absorbing crumple zones.

Aluminium closures

Superformed aluminium front wings

Aluminium bonnet

Aluminium doors with superformed structure and extruded aluminium side impact beams.

Composite polymer bootlid housing fully concealed antennae systems.

Painted radiator shell with bright stainless steel matrix grille and 2-D Bentley winged "B" badge.

Paintwork applied and polished by hand to mirror-finish.

Choice of 28 paint colours especially selected for Mulsanne.

Black matrix grille to lower bumper apertures.

Front wing vents with black matrix grille.

Polished stainless steel brightware to glass surrounds.

Polished stainless steel embellishers to doors and bumpers.

Door pillar finishers in steel with gloss black painted finish.

Polished stainless steel "Mulsanne" treadplates and commissioning plates.

Wide oval polished stainless steel exhaust tailpipes.

Twin bi-xenon projector headlamps with LED halo for supplementary main beam, light-sensing auto operation, daytime running light signature and integrated washer jet.

Floating-ellipse style, LED rear light clusters and discreet high-level stop lamp to rear screen.

Colour-keyed, electronically adjustable door mirrors with heating, power folding, reverse-dip, two memory positions, electrochromatic dimming and integrated puddle lamps.

Keyless entry system with chromed metal door handles and engine start button.

Soft close power latching to all doors for easy entry / exit.

Power boot lid operation with emergency releases inside boot and under rear seat.

Park distance control to front and rear with audible signal and graphics displayed via infotainment screen.

INTERIOR

Hand selected leather to all trimmed surfaces including seating, fascia, console, door panels, door pillars, parcel shelf, cantrails, headlining, sunvisors, all stowage compartments and glovebox.

25 'standard' colours in single tone or duo-tone combinations in four different styles (colour splits) allowing the customer to choose not just the colour scheme but the mood of the interior - from very elegant to sporty.

Specially developed, flat-cut and leather-bound carpet. Choice of 22 colours to match interior hide.

Set of four carpet overmats to match cabin carpet, leather bound and with polished stainless steel fixings.

choice of 23 seatbelt colours with buckles colour-matched to interior hides.

Veneer to fascia, continuous "Ring of wood" waistrails, centre console, rear centre armrest, and front and rear roof consoles in Burr Walnut, Dark-Stained Burr Walnut or Piano Black. Six further veneer species are available.

Bright finish interior fittings in polished stainless steel.

Unique, glass switchgear.

Driver's instrument panel featuring inverted, aviation-style dials for vehicle and engine speed; supplementary colour screen displaying a driver-configurable choice of navigation prompts, compass, infotainment, vehicle or trip information.

Minor gauges panel in centre fascia with fuel gauge, analogue clock with "Bentley Motors" inscription and coolant temperature gauge.

Concealed passenger-side map lamp.

Boot trimmed in leather and carpeted to match interior cabin with polished stainless steel sill plate.

CHASSIS

Mulsanne 20" light-alloy wheels with 265x45xR20 tyres.

Double wishbone front suspension.

Multilink rear suspension with toe and brake reaction control. Uniquely developed for Mulsanne to handle extreme torque.

Electronically-controlled air springs with Continuous Damping Control (CDC) to continuously monitor and adjust the vehicle's damping, ensuring optimum control.

Automatic ride height control sensitive to speed and load.

Servotronic speed-sensitive power steering with two settings selectable by Drive Dynamics Control.

Drive Dynamics Control - four driver-selectable settings for CDC and power steering.

Three standard modes: Bentley, Sport and Comfort.

A fourth mode, Custom allows driver to 'tune' system to a preferred driving style.

Electronic Stability Control (ESC) with ABS, traction control hydraulic brake assist, electronic brake prefill and automatic hill-hold control.

Twin-booster braking system with ventilated discs and Electronic Brake force Distribution (EBD).

Bentley" branded front brake callipers

Front brake discs: Two-piece assembly with 400mm diameter x 38mm thick iron disc and lightweight aluminium hub.

Rear brake discs: 370mm diameter x 30mm thick iron disc with lightweight aluminium hub.

Electronic Parking Brake with drive-away assist and hill hold feature.

Choice of tyre repair / inflation kit or spacesaver spare wheel and toolkit.

SAFETY, SECURITY & CHARGING

Intelligent driver's and front passenger air bag with front passenger air bag deactivation facility.

Head and thorax airbags fitted to front and rear seats.

Fitting to seats rather than car body ensures optimum positioning relative to occupants at all times as the airbag moves with you as you adjust the seat position.

3-point seatbelts to front seats with electric height adjustment and memory function, pyrotechnic pre-tensioners and force limiters.
 3-point seatbelts to outer and centre rear seats with pyrotechnic pre-tensioners and force limiters to outer seats.
 Rear seat ISOFIX child seat fixings with top tether points.
 Direct tyre pressure monitoring system with provision for speed related warning.
 Vehicle Immobiliser & Interior volumetric alarm system.
 Battery conditioner with magnetic trickle charging point concealed in rear registration plate recess.
 12V power sockets located in glovebox, rear centre armrest and boot in addition to cigar lighter sockets in front and rear cabin.

INFOTAINMENT

8" high-resolution colour screen to display infotainment and vehicle systems information. Automatically concealed behind veneered panel when not in use.
 Central Multi Media Interface (MMI) rotary controller with convenience keys for instant access to main system menus of: Navigation, Telephone, Radio, Media (including TV when fitted), Tone, Information and Car systems.
 60GB hard disc drive unit fitted in glovebox with 20 GB of personal storage space, single slot DVD drive and 2 xSD card readers. Includes inbuilt Gracenote database that displays artist/album/song names from CDs.
 6xCD changer fitted in glovebox.
 Voice control for all major systems and operations.
 Satellite navigation system integrated in vehicle's hard disc, ensuring fast route calculation.
 Four map configurations including 3-D topographical maps and city views and day/night display modes.
 Mulsanne audio system with 12 speakers and two subwoofers, powered through six channels with digital sound processing.
 Full iPod® and MP3 player compatibility including full-colour album art display.
 Unique, hide-lined iPod® drawer, with integrated connector, designed for storage and connection of multimedia devices. Supplied with four fly-leads with connectors for iPod® / iPhone®, USB, Mini USB and 3.5mm auxiliary
 Digital radio (DAB) or satellite radio (SDARS) depending on market.
 Telephone system with Bluetooth wireless connectivity.
 Cordless telephone and cradle mounted in front armrest with SIM card reader in hard drive unit (rSAP) (Except North America or Japan).

COMFORT & CONVENIENCE

Front seats with 12-way electrical adjustment, including lumbar support, two memory positions, easy entry/exit function and adjustable heating
 Front passenger seat - full adjustment from rear cabin. Controls housed in rear centre armrest
 Two-plus-one rear seat configuration with 8-way electrical adjustment to outboard seats, including lumbar support, two memory positions and adjustable heating
 Four-zone air conditioning including additional rear cabin A/C unit with front and rear controls for fan speed and temperature
 Traditional, polished stainless steel bullseye air vents & organ stop controls
 Four-spoke, hide trimmed, multi-function steering wheel with electric adjustment for tilt and reach with two memory positions, easy-entry function and paddle shift
 Twin front centre armrests with hide-lined storage and cordless telephone handset.
 (Telephone handset not available in North America and Japan)
 Electrical height adjustment for front seatbelts with two memory positions
 Cruise control
 Electrochromatic auto dimming interior rear view mirror with on/off button
 Remote-controlled three-button garage door opener integrated in roof console
 (Standard in North America, cost option in rest of world)
 Rain sensing windscreen wipers
 Sentinel headlamp functions
 Folding rear centre armrest console with controls for seating and air conditioning and leather-lined stowage compartment with 12 V socket
 Remote control with dedicated stowage in centre console for rear-seat control of main infotainment system including Navigation
 Power windows with one-touch operation and anti-trap protection
 Acoustic glazing with infra red reflective interlayer (except front screen to allow use of mobile communications and toll readers)
 Electrically operated privacy blinds for rear windows and rear screen, controlled from front or rear cabin with one-shot operation and anti-trap
 Twin adjustable front cupholders
 Twin hand-crafted rear cupholders with dedicated stowage
 Front and rear cabin cigar lighters and solid metal ashcans in rear doors
 Hide-lined glovebox with illumination and 12 V power socket
 Leather-bound owner's handbook housed in dedicated stowage shelf within glovebox
 Document stowage compartments to front seatbacks

Optional

BODY AND EXTERIOR

Flying 'B' Radiator Mascot
 Chromed Radiator Shell with Bright Stainless Steel Matrix Grille
 Bright Stainless Steel Matrix to Lower Bumper Apertures & Front Wing Vents
 Jewel Fuel Filler Cap
 Bright Stainless Steel Door Pillar Finisher
 Without Front Licence Plate Bracket
 Choice of more than 100 additional colour and duotone paint options

20" Mulsanne Alloy Wheel - Chromed
 21" Classic Alloy Wheel - Painted
 21" Classic Alloy Wheel - Polished
 21" Two Piece 5 Spoke Alloy Wheel - Painted
 21" Two Piece 5 Spoke Alloy Wheel - Polished
 Space Saving Spare Wheel (standard in Turkey,Bahrain,India,Kuwait,Oman,Qatar,Saudi Arabia & UAE)

INTERIOR

Veneer to fascia, continuous "Ring of wood" waistrails, centre console, rear centre armrest, and front and rear roof consoles in Bird's Eye Maple, Burr Oak, Dark Stained Vavona, Olive Ash, Sapelli Plmmele or Vavona.

Bentley Wing Badge & Chrome Inlay Strip to Waistrails & Badge to Fascia

Bentley Wing Badge to Waistrails & Fascia

Contemporary Style Cross-Banding & Inlay to Fascia & Waistrails (available on Burr Oak & Burr Walnut)

Picture Frame Style Inlay to Waistrails (not available with Piano Black)

Rear Quarter Vanity Mirrors with Veneer Surround

Veneer Door Panels

Veneered iPod Drawer & Minor Gauges Panel

Veneered Picnic Tables

Veneered Picnic Tables with Contemporary Cross-Branding & Inlay (with Premiere Specification)

Veneered Picnic Tables with Contemporary Cross-Branding & Inlay

Contrast Seat Stitching

Cross Stitching

Embroidered Bentley Emblems to All Seats

Seat Piping

- Seat Ventilation & Massage Function to Front & Rear Seats
 - Drilled Alloy Sports Foot Pedals
 - Duo-Tone Hide Trimmed Steering Wheel (4 Spoke)
 - Heated Single Tone Hide Trimmed Steering Wheel (4 Spoke)
 - Veneered Gear Lever
 - Veneered Rim Steering Wheel (4 Spoke) (available with Burr Oak, Burr Walnut,Piano Black,Birds Eye Maple & Dark Stained Burr Walnut veneers)
 - Deep Pile Wilton Carpet Mats to Front & Rear
 - Lambswool Rugs for Front & Rear (in addition to standard overmats)
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INFOTAINMENT

DAB Radio (applicable to India & South Africa)

Naim for Bentley' Premium Audio System

Rear Entertainment Package Incorporating Two 8" LCD Screens to Headrests, DVD Player to Rear Armrest Surround, Two Sets of Cordless Headphones & Remote Control (replaces standard infotainment remote control)

Six Disc DVD Player

TV Tuner (in addition to DAB radio) (applicable to UK,EU,Singapore,India,South Africa)

TV Tuner (applicable to Australia,New Zealand,Japan,China,Taiwan,Indonesia,Malaysia,Philippines,Thailand, Korea)

COMFORT AND CONVENIENCE

Shade Band to Tinted Windscreen

Privacy Glass to Rear Screen & Rear Side Windows

Adaptive Cruise Control System (P09 - matrix to bumper & vents must also be ordered)

Additional Cradle to Rear for Telephone Privacy Handset

Additional Information Pack in Alternative Language (available in selected European countries only)

Ambient Interior Mood Lighting

First Aid Kit in Addition to Warning Triangle (market specific availability)

Hand Stitched Leather Storage Case

Rear View Camera

Remote-Controlled Garage Door Opener (Eurolink/Homelink)

Side View Camera (only available with rear camera)

Twin Illuminated Fold Down Vanity Mirror & Rear Quarter Vanity Mirrors

Twin Illuminated Fold Down Vanity Mirrors

Valet Key

Vehicle Tracking System - Full Fitment

Vehicle Tracking System - Preparation Only
