By appointment to HM The Queen motor car manufacturers Bentley Motors Limited Crewe Cheshire

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Press Information

SERENITY THROUGH TECHNOLOGY: THE PIONEERING BENTLEY BENTAYGA HYBRID

- **World's first luxury hybrid**
- **Serene driving experience utilises future-focussed technology**
- **Bentley's first step towards electrification**
- **Advanced electric motor combines with new V6 petrol engine**
- **Battery recharged in 2.5 hrs**
- **Electric-only range of over 50 km (NEDC)**
- **Combined NEDC CO_2 emissions of 75 g/km**
- **Philippe Starck designs stunning Power Dock wall charger**
- **Connected Car services include remote battery charging**

(Crewe, 5 March 2018) Bentley is today announcing full details of the world's first luxury hybrid model. The Bentayga Hybrid represents Bentley's first step towards full electrification, combining the serenity of silent motoring with exquisite comfort and effortless performance.

Offering the best of both worlds, the new plug-in hybrid model combines an advanced electric motor with a powerful and efficient new-generation V6 petrol engine. The hybrid version of the world's most luxurious SUV will be the company's most efficient model ever with CO_2 emissions of 75 g/km (NEDC).

The Bentayga Hybrid feels and rides like a true Bentley, providing the refinement, effortless performance and exquisitely tranquil cabin environment for which the luxury British brand is famed. It represents the future of luxury mobility; an oasis of calm and tranquillity in the city and beyond.

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Adrian Hallmark, new Chairman and Chief Executive Officer of Bentley Motors, said: "The Bentayga Hybrid is our first step on the road to electrification, combining traditional Bentley values with the very latest technologies. It gives customers the best of both worlds – engaging, effortless performance on the open road and silent, emission-free driving in the city, which will become increasingly important with the ever-changing regulations around the world.

"Following Bentley tradition, the Bentayga Hybrid pioneers a new automotive sector – the luxury hybrid – and sets Bentley on the path towards a sustainable electrified future."

Bentayga Hybrid is not yet available to order. It will become available to order in selected markets in 2019.

Intelligent, Experience-Enhancing Technology

At the heart of the Bentayga Hybrid are two power sources – a highly efficient electric motor and a new turbocharged 3.0-litre V6 petrol engine. The E Motor acts as both an electric motor and a generator to offer a seamless driving experience and guaranteeing maximum electric-only range.

The Hybrid adds a new dimension to the existing range of luxury Bentayga models. It features all the flexibility associated with the W12, V8 Diesel and V8 derivatives, with the same sure-footed permanent four-wheel drive and four on-road modes – Sport, Bentley, Comfort and Custom.

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The Automatic Start-Stop switch is replaced with a control for the three E Modes – EV Drive, Hybrid Mode and Hold Mode. These will enable the driver to manage battery usage during a journey.

The Bentayga Hybrid requires new and different information to be relayed to the driver. As a result, a revised infotainment screen and Driver's Information Panel with E Motion information have been designed to provide details on performance, consumption and energy source.

The traditional tachometer that displays engine speed is replaced with a dial showing when the car is operating in pure EV Drive, or engine speed if the combustion engine is operating. A battery status dial replaces the coolant temperature gauge.

The infotainment screen can display energy flow in each of the three E Modes, showing whether the vehicle is being powered by energy supplied by the battery, or the combustion engine – or whether energy is flowing back to the battery in order to charge it.

To maximise efficiency, the vehicle uses satellite navigation information to calculate the best usage of electric motor and engine for every journey. Inputting a destination into the navigation system will command the car to automatically engage the correct E Mode for each part of the journey, constantly calculating the most efficient use of battery charge and storing electrical energy for sections of the journey where it is most useful – such as when arriving in the city. The system will reduce on-board charge to zero just as the vehicle reaches its destination, maximising overall efficiency.

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A number of Hybrid-specific functions will also be introduced to the latest Connected Car 'MyBentley3' services, including Remote Battery Charging, Remote Heating & Cooling, and Vehicle Status Report, operated via a smartphone app.

Bentley has prioritised the charging experience to ensure that owning a Bentayga Hybrid is as easy as owning a conventional car. Controllable remotely from a Smartphone, or in-person via the on-board charging point, the charging status and programming will be visible on the MMI drivers' screen and on the user's smartphone via an app.

Other unique features include Charging Station Finder, where the app will list nearby or relevant charging stations (based on your search criteria), and give you the option to set them as destinations on the car navigation system; and My Cabin Comfort which allows you to set the car to heat (or cool) itself so that the cabin is at the optimum temperature when the door is opened.

The Bentayga Hybrid's Vehicle Charge Point is located on the opposite side to the normal fuel filler. From here, the car can be connected to either a domestic power supply, or a public charger point. The rear luggage compartment will hold two bespoke bags containing the necessary cables to connect the car to either.

With an impressive electric range of over 31 miles (50 km) in the NEDC cycle, a full charge of the battery from a domestic household socket will take 7.5 hours. However, customers with an industrial connection installed at home can reduce the charge time to just 2.5 hours.

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Timeless Bentley by Starck Power Dock

Bentley has collaborated with renowned designer, Philippe Starck, to create a concept for a highly desirable recharging unit for Bentayga Hybrid customers – the Power Dock.

The statement piece showcases the exquisite attention to detail you would expect from both Bentley and Starck, using sustainable and elegant materials. The stylish surround is formed from pressed eco-linen with bio-sourced thermosetting resin, while the domed frontage is fashioned using a hot-pressure aluminium casting.

The minimal and elegant Power Dock is designed to keep charging cables neat and safe at home. Furthermore, it brings a luxurious touch to the act of hybrid recharging, acting as a functional piece of art that will enhance any home.

Starck's elegant creation – with its tactile surfaces and inviting aesthetic – will encourage Bentayga Hybrid customers to plug-in whenever they are at home, thus ensuring each journey begins with the maximum electric-only range.

Innovative Features and Advanced Technologies

A suite of driver assistance systems and infotainment features, designed to enhance safety, comfort and convenience make the Bentayga Hybrid an innovative and advanced SUV.

Adaptive Cruise Control (ACC) and Traffic Assist enable the driver to maintain a time gap to the vehicle in front. Predictive ACC uses the navigation data, sen-

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sors and cameras to predict upcoming corners, city boundaries and speed-limit changes and can then modify the vehicle speed accordingly, improving both comfort and fuel economy.

In urban environments, there are a number of driver aids available on the Bentayga Hybrid. These systems – such as Traffic Sign Recognition, which detects a wide variety of traffic signs and displays information to the driver; Rear Crossing Traffic Warning, which uses radar technology to detect crossing traffic when reversing out of a parking space; and Top View, a system which uses four cameras to display an overall picture of the vehicle's surroundings – combine to enhance everyday usability.

Park Assist is also available – a system that detects suitable parking spaces (both parallel and perpendicular) before autonomous steering takes over to support parking manoeuvres, even in narrow and tricky spaces.

Other innovative systems available include Electronic Night Vision, which uses infra-red technology to identify potential obstacles ahead, and a Head-Up Display, which reduces driver distraction and increases safety.

The Bentayga's 8" touch screen infotainment system boasts class-leading navigation technology, a 60GB hard drive, and a choice of up to 30 languages.

Rear seat passengers benefit from the Bentley Entertainment Tablet – a removable 10.2" Android device with 4G, WiFi and Bluetooth for effortless, high-speed on-board connectivity.

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Customers can choose between three different sound systems for the Bentayga Hybrid: Bentley Standard Audio, Bentley Signature Audio and Naim for Bentley Premium Audio. The latter is the most powerful system in the segment, with 1,950 watts, a network of 18 speakers and super-tweeters for unrivalled recreation of the highest audio frequencies.

Sculptural Form, Sharp Lines and Elegant Execution

The Bentayga Hybrid's wheel arches, fenders and bonnet deliver a balance between sportiness and SUV presence.

The ultra-sharp Bentley power line and muscular rear haunch display a taut tension in side profile, as part of the largest single-piece aluminium pressing in the automotive world. Trademark Bentley features such as the large matrix grille and B-shaped wing vents afford the Bentayga a modern, dynamic elegance.

At the rear, within the segmented tail lights, a 'B'-shaped illumination graphic is incorporated that affords the Bentayga an instantly recognisable and striking night-time signature.

Bentley's most efficient model ever will be identifiable thanks to a number of elegant exterior styling cues. Copper-coloured 'Hybrid' badging on the lower front doors and tailgate – and a copper finish to the wheel centres and Bentley badges – highlight the electric performance potential of the Bentayga's new powertrain. Additionally, the insert on the tread plates will also read 'Hybrid'.

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The World's Finest Cabin, Handcrafted at the Home of Bentley

Step inside the Bentayga Hybrid and you find the finest automotive interior in the world, with handcrafted wood and leather throughout – engineered with precision to deliver absolute perfection.

The attention to detail in metal, wood and leather is the epitome of modern British luxury, and is only achievable thanks to the exceptional skill of the workforce in Crewe.

The Bentayga's cockpit sets new standards for both luxury and precision, with meticulous tolerances between the exquisite veneered woods and metal elements. The dashboard takes the iconic Bentley 'wing' design as its inspiration, with the beautifully finished surfaces flowing gracefully from door to door over the top of the instrument binnacles, down under the centre console and back up around the passenger side fascia and foot well.

The hand-selected veneers form pure and elegant surfaces throughout the cabin, and each of the 15 pieces are shaped by Bentley's artisans from a choice of seven different veneers, and finished with trademark Bentley attention to detail.

Highly polished, handcrafted metal elements adorn the dashboard, centre console and doors. Trademark Bentley knurling on the drive mode selector, gear knob, iconic bulls-eye vents and organ pulls adds sophistication and tactile refinement.

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Sumptuous front seats, individually handcrafted in Crewe and featuring 22-way adjustment including adjustable cushion and backrest bolsters, provide superb support and comfort for all conditions. This cosseted feeling is further enhanced with a six-programme massage system, seat heating and ventilation.

Whether selected in four- or five-seat configuration, all of the leather seats in the Bentayga are available with contrast stitching and a quilted diamond design applied to the 'shoulders' and bolsters, echoing the design of a finely tailored British hunting jacket.

Bentley specialists individually select only the finest bull hides, all of which are sourced from cool European climates, naturally tanned and never over-printed. Customers have the choice of 15 colours, in three duo-tone and one single mono-tone colour split.

The four-seat configuration makes the ultimate statement in design, comfort and luxury. The two individual rear seats adjust in 18 different ways and include massage and ventilation functions as well as footrests. The veneered rear console hides additional functionality such as cup holders, generous storage areas and USB charging sockets.

The opulent feeling is completed by the fixed back, dividing the interior cabin from the boot. Also trimmed in the signature diamond quilting and including a ski-hatch, it creates an enclosed rear cabin space that sets new standards in the SUV sector.

The full-length panoramic sunroof with acoustic interlayers allows ample natural sunlight to highlight the surfaces and detailing.

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Notes to editors

Bentley Motors is the most sought after luxury car brand in the world. The company's headquarters in Crewe is home to all of its operations including design, R&D, engineering and production of the company's four model lines – Continental, Flying Spur, Bentayga and Mulsanne. The combination of fine craftsmanship, using skills that have been handed down through generations, alongside engineering expertise and cutting-edge technology is unique to UK luxury car brands such as Bentley. It is also an example of high-value British manufacturing at its best. Bentley employs around 4,000 people at Crewe.

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