



Media information  
17 January 2017

## **BMW model upgrade measures for the spring of 2017. Market launch of the efficiency champion of the new BMW 5 Series: BMW 520d EfficientDynamics Edition with a combined fuel consumption of 3.9 l/100 km and a CO<sub>2</sub> emission level of 102 g/km – parking space search service On-Street Parking Information and navigation system Professional with live tile menu available for further models – additional driver assistance systems for BMW 7 Series luxury sedans – BMW 6 Series with new equipment features – further options also for the BMW 3 Series, the BMW 4 Series and for the models BMW X5 and BMW X6.**

**Munich.** From the spring of 2017, the new BMW 5 Series, the sportiest and most innovative business sedan in its segment, will also set new standards in terms of efficiency. The new BMW 520d EfficientDynamics Edition impresses with a combined fuel consumption level of 4.3 to 3.9 litres per 100 kilometres (combined CO<sub>2</sub> emission level: 114 – 102 g/km). Also, from March 2017, groundbreaking innovations in the areas of networking and operating, now being presented for the first time in the BMW 5 Series, will find their way into further model series – the digital parking space search service On-Street Parking Information and the live tile arrangement of the menu on the Control Display.

With a further extended range of driver assistance systems, the BMW 7 Series is making further advancements on the way to automated driving. The spectrum now also includes, amongst other things, the Lane Departure Assistant, ActiveAssist Collision Avoidance, Cross-Traffic and Wrong-Way Driving Alert as well as the Remote 3D View function. From the spring of 2017, BMW 6 Series models will underpin their exclusive and sporty aura with attractive innovations included in the range of special equipment options. The Digital Charging Service, an innovative feature for convenient and economical charging of the high-voltage battery, will become available exclusively for BMW i and BMW iPerformance automobiles. From March 2017, new and exceedingly high-quality options will be

**Company**  
Bayerische  
Motoren Werke  
Aktiengesellschaft

**Postal Address**  
BMW AG  
80788 München

**Telephon**  
+49-89-382-51240

**Internet**  
[www.bmwgroup.com](http://www.bmwgroup.com)



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added to the range of special equipment for the BMW 3 Series and the BMW 4 Series as well as for the models BMW X5 and BMW X6.

### **BMW 520d EfficientDynamics Edition: greater driving pleasure, less CO<sub>2</sub>.**

As from March 2017, the driving pleasure that is characteristic of the new BMW 5 Series Sedan will be combined with the lowest fuel consumption and emission levels in this vehicle segment. The new BMW 520d EfficientDynamics Edition is powered by a 2-litre, four-cylinder diesel engine featuring BMW TwinPower Turbo technology, delivering a maximum power output of 140 kW/190 hp and a peak torque of 400 Newton metres available between 1,750 and 2,500 rpm. The Sedan accelerates from 0 to 100 km/h in 7.5 seconds and achieves a combined fuel consumption of between 4.3 and 3.9 litres per 100 kilometres and CO<sub>2</sub> emission levels of between 114 and 102 grams per kilometre (figures as per EU test cycle, depending on selected tyre size). The power unit of the BMW 520d EfficientDynamics Edition features, inter alia, a turbo charger mounted on anti-friction bearings, high pressure exhaust gas recirculation, a map-controlled oil pump and further developed Common Rail direct injection technology, the solenoid injectors of which ensure precise fuel dosing with a maximum pressure of 2,000 bar.

In addition to the optimised efficiency of both the engine and the standard 8-speed Steptronic transmission, enhanced aerodynamic characteristics as well as the Sedan's greatly reduced weight vs. its predecessor also contribute towards achieving the favourable fuel consumption and CO<sub>2</sub> emission levels. Moreover, in order to optimise emission behaviour, the BMW 520d EfficientDynamics Edition is equipped with BMW BluePerformance technology, which in addition to the particulate filter, an oxidation catalyst and a NO<sub>x</sub> storage catalyst, also features an SCR catalytic converter with AdBlue injection technology reducing nitrogen oxide emissions even further.



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### **On-Street Parking Information in further BMW models and available for additional towns and cities.**

Starting in March 2017, thanks to intelligent networking, drivers will be provided in a large number of BMW models not only with real-time information on the traffic situation, but will also receive assistance in finding a parking space in major urban areas. The BMW ConnectedDrive Service Real Time Traffic Information (RTTI), which is available in conjunction with the navigation system Professional, will also be complemented by the unique On-Street Parking Information function. Similar to the RTTI feature, this digital service uses intelligent networking to assess the availability of free road-side parking spaces from both pre-stored and current data. The calculated probability of finding a free parking space at the destination is displayed to the driver by means of coloured markings on the navigation map depicted on the Control Display.

In future, the On-Street Parking Information service will make finding a parking space far easier in as many as ten German cities. In addition to Munich, Berlin, Hamburg, Cologne, Düsseldorf, Frankfurt and Stuttgart, the availability of parking spaces will also be analysed in real time in Nuremberg, Bremen and Hanover as from March 2017. The function, which is being featured for the first time in the new BMW 5 Series Sedan, is now available for all current models with the exception of the BMW X1, the BMW 2 Series Active Tourer and the BMW 2 Series Gran Tourer.

### **Even more intuitive: Navigation system Professional with animated buttons arranged as tiles.**

The latest innovations for the display and control concept, which made their debut in the new BMW 5 Series, will be available for further series as from March 2017. In conjunction with the navigation system Professional, the Control Display of the iDrive system will, thanks to a new enhanced graphic representation, facilitate even more intuitive operation in the BMW 7 Series and BMW 6 Series as well as in all variants of the BMW M6. The on-board monitor displays menus in the form of horizontally arranged buttons with a tile



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structure. These six buttons, the order of which can be individually configured by the driver, are displayed in the main menu on two sides of the screen. This ensures more convenient and faster access to the desired content. A new menu option is “Messages”, allowing access to incoming text messages and e-mails as well as information on the vehicle’s operating condition.

These functions, which are available using the menu selection, are symbolised by animated graphics in live mode. For example, in the overview and by means of a displayed map section, the navigation menu button already displays the route the vehicle is currently travelling on, whilst the entertainment menu graphics show the title of the song currently playing, including album cover, or the name of the selected radio station.

## **BMW 7 Series with additional driver assistance systems and Remote 3D View.**

From the spring of 2017, there will be an even broader choice of driver assistance systems to ensure even greater driving pleasure, comfort and safety in 7 Series models. From March 2017, the systems will be included in the optional equipment package Driving Assistant Plus. They offer the driver effective assistance in many different situations, leading the way to automated driving. For example, the Steering and Lane Guidance Assistant being presented in the luxury sedans for the first time will be complemented by the Lane Change Assistant, which can be used when driving on motorways and other roads with separated directional carriageways. At speeds of between 70 and 180 km/h, the driver can initiate a lane change by holding the indicator lever in the one-touch position. The system sensors then analyse the situation on the neighbouring carriageway. If they detect that this lane is clear and there are no vehicles approaching at a high speed, the steering assistant conveniently helps the driver to change lanes.

A further addition to the range of Driving Assistant Plus functions is the ActiveAssist Collision Avoidance system. Should a rapid lane



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change become necessary in order to avoid a suddenly appearing obstacle, it provides steering assistance at speeds of up to 160 km/h. The Cross Traffic Alert function, also included in the equipment package as from March, provides visual and acoustic signals if the traffic signs identified by the stereo camera should indicate that the driver has overlooked a road with right of way. The new Driving Assistant Plus features are complemented by the Wrong-Way Driving Alert feature. This system analyses navigation data in order to provide information on hazardous situations. It intervenes when the vehicle is driving in the wrong direction into one-way streets, roundabouts or motorway entrances.

In conjunction with the Surround View system, a feature that provides assistance with a combination of camera images taken from several different perspectives when the vehicle is manoeuvring in tricky situations, drivers of a BMW 7 Series will in future also have access to the Remote 3D View feature, the Surround View system of which provides them with permanent access to a three-dimensional live image of their vehicle and its surroundings, this being transmitted to their smartphone via the BMW Connected feature.

### **New option for the BMW 3 Series and the BMW 4 Series: Multifunctional instrument display.**

From March 2017, a novel feature in the field of display technology will also ensure an even more intensive driving experience in BMW 3 Series and BMW 4 Series models, for which the multifunctional instrument display will be optionally available. The fully digital TFT colour display featuring black panel technology for the cockpit provides driving-related information in an individually selectable design. The colour scheme, graphic representation and choice of contents vary according to the driving mode selected via the Driving Experience Control button.

In COMFORT mode, the display shows a conventional image of the four round instruments using the corresponding graphics. A zoom function highlights the respective driving speed and engine speed. In



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ECO PRO mode, additional information on current fuel efficiency replaces the rev counter. In SPORT mode, the current speed is displayed digitally in the form of a large central figure, whilst the selected gear is indicated in the centre of the rev counter.

### **BMW 6 Series with distinctive accents for the exterior and interior.**

From the spring of 2017, new and attractive special equipment features will also be available for the BMW 6 Series. These options, which are on offer exclusively for the BMW 6 Series Coupe, the BMW 6 Series Convertible and the BMW 6 Series Gran Coupe, underscore the sporting character of the three luxury class models. The choice of body colours will be complemented by the brand-new variant Sonic Speed Blue metallic. In conjunction with the M Sports package, new 20-inch, M bicolour light alloy wheels boasting an M-specific double spoke design will be available, including mixed tyres and emergency running characteristics as well as interior trims in a carbon fibre look.

### **Comfortable, eco-friendly, cost efficient: Digital Charging Service for BMW i and BMW iPerformance automobiles.**

The BMW i brand has become a pioneer in the field of sustainable individual mobility, not only thanks to groundbreaking vehicle concepts and drive technologies, but also with numerous innovative services. The latest innovation in this area is the Digital Charging Service for intelligent charging of the high-voltage battery featured in BMW i and BMW iPerformance automobiles. So the BMW Group is the first carmaker to offer a system that conveniently helps the driver to make use of favourable electricity tariffs or a high proportion of self-generated solar energy during the charging process.

In order to achieve best possible charging cost efficiency, the BMW Digital Charging Service takes into account not only tariffs with a dynamically varying price in the daytime, but also those that include predetermined highest and lowest prices. As a result, it is possible, for example, to take maximum advantage of particularly favourable overnight rates.



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In conjunction with the new BMW i Wallbox Connect, the Digital Charging Service can also optimise the use of electricity from a domestic photovoltaic system. In this case, the amount of locally generated solar electricity is predicted based on the system's performance data and the current weather forecast. Using this data, it is also possible to determine the proportion of solar electricity that is not consumed in the home at the time of being produced and can, therefore, be used for completely emission-free mobility. As a result, fully electric and/or hybrid vehicles are integrated as best possible into the domestic environment and the customer's individual energy concept.

The BMW Digital Charging Service automatically schedules the start and finish of each charging process with a view to best possible cost efficiency or maximum proportion of green electricity respectively. In the process, the charging schedule always ensures that the vehicle has the maximum battery capacity at the desired departure time and that the interior is also fully air-conditioned. The unique service is an integral part of BMW ConnectedDrive Services available for all BMW i and BMW iPerformance automobiles.

### **New light alloy wheels for the BMW X5 and the BMW X6.**

In the spring of 2017, the range of optional equipment available ex factory for the models BMW X5 and BMW X6 will also include for the first time 21-inch light alloy wheels previously only available exclusively from the Original BMW Accessory range. The M light alloy wheels boasting a double spoke design and bicolour look with burnished spokes come with mixed tyres with emergency running characteristics. They are available in conjunction with the M Sports Package for all model variants with the exception of the BMW X5 sDrive25d, BMW X5 xDrive25d and the BMW X5 xDrive40e iPerformance.



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### **BMW X5 M and BMW X6 M now with the navigation package ConnectedDrive as standard.**

As from the spring of 2017, the range of standard equipment for the BMW X5 M and the BMW X6 M will be supplemented by the navigation package ConnectedDrive, also featuring telephony with wireless charging. It includes among other options the navigation system Professional, a smartphone holder with which inductive charging of a mobile phone is possible, the RTTI service including On-Street Parking Information, a WiFi hotspot, ConnectedDrive Services, Concierge Services and Remote Services.

Further information on official fuel consumption figures, specific CO<sub>2</sub> emission values and the electric power consumption of new passenger cars is included in the following guideline: "Leitfaden über Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained from all dealerships, from the Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.  
LeitfadenCO<sub>2</sub> (GuidelineCO<sub>2</sub>) (PDF – 2.7 MB))



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**In the event of enquires please contact:**

Corporate Communications  
Kai Lichte, Product Communications BMW Automobiles  
Tel: +49-89-382-51240  
E-Mail: [kai.lichte@bmwgroup.com](mailto:kai.lichte@bmwgroup.com)

Ralph Huber, Head of Product Communications BMW Automobiles  
Tel: +49-89-382-68778  
E-Mail: [ralph.huber@bmwgroup.com](mailto:ralph.huber@bmwgroup.com)

Internet: [www.press.bmwgroup.com](http://www.press.bmwgroup.com)  
E-Mail: [presse@bmw.de](mailto:presse@bmw.de)

**The BMW Group**

With its three brands BMW, MINI and Rolls-Royce, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. As a global company, the BMW Group operates 31 production and assembly facilities in 14 countries and has a global sales network in more than 140 countries.

In 2016, the BMW Group sold approximately 2.367 million cars and 145,000 motorcycles worldwide. The profit before tax for the financial year 2015 was approximately € 9.22 billion on revenues amounting to € 92.18 billion. As of 31 December 2015, the BMW Group had a workforce of 122,244 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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