



Media Information  
16 January 2020

## **BMW model upgrade measures taking effect in the spring of 2020.**

**Introduction of mild hybrid technology in further models – 40 models already comply with Euro 6d emission standard – additional drive variants for the BMW 1 Series and BMW 3 Series – broader range of leather options and interior trims for the BMW X5, the BMW X6 and the BMW X7.**

**Munich.** From the spring of 2020, BMW will contribute towards a further reduction of consumption levels and the optimisation of the emission performance of current models through the use of systematically evolved drive technology. In parallel with the expansion of the range of models featuring all-electric and plug-in hybrid drive scheduled to follow during the course of the year, both the efficiency and the exhaust emission quality of petrol-driven vehicles will be significantly increased. This is ensured, inter alia, by innovative mild hybrid technology which, following the BMW 5 Series, will as from March/April also be deployed in the BMW 3 Series as well as the model series BMW X3 and BMW X4. At the same time, in the spring of 2020, 33 further BMW models will already comply with the Euro 6d emission standard, which will not become obligatory until 2021.

A further drive variant for the BMW 1 Series as well as additional engines for the BMW 3 Series Sedan and the BMW 3 Series Touring will enhance the diversity of available options in the premium compact and premium midrange segment. Additional options for interior design provide for greater individuality in the BMW X5, the BMW X6 and the BMW X7.

## **Electric pulling power for efficiency and dynamics: Mild hybrid technology with 48-volt starter generator for further models.**

BMW is extending the use of mild hybrid technology to further models. This innovation, first introduced in the autumn of 2019 for

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\* All figures relating to the performance, fuel/electric power consumption and CO2 emissions are provisional.

The figures for fuel consumption, CO2 emissions and power consumption are calculated based on the measurement methods stipulated in the current version of Regulation (EU) 2007/715. The figures are calculated using a vehicle fitted with basic equipment in Germany, the ranges stated take into account differences in selected wheel and tyre sizes as well as the optional equipment. They may change during configuration. The figures have already been calculated based on the new WLTP test cycle and adapted to NEDC for comparison purposes. In these vehicles, different figures than those published here may apply for the assessment of taxes and other vehicle-related duties which are (also) based on CO2 emissions.

For further details of the official fuel consumption figures and official specific CO2 emissions of new cars, please refer to the "Manual on fuel consumption, CO2 emissions and power consumption of new cars", available free of charge at all sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schamhausen and at <https://www.dat.de/co2/>.



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the four model variants of the BMW 520d (combined fuel consumption: 4.9 – 4.1 l/100 km; combined CO<sub>2</sub> emissions: 128 – 108 g/km), comprises an extremely powerful 48-volt starter generator as well as an additional battery, and enhances both efficiency and dynamics of vehicles equipped with this technology. As from the spring of 2020, mild hybrid technology will also be featured as standard in the models BMW 320d Sedan (combined fuel consumption: 4.1 – 4.0 l/100 km; combined CO<sub>2</sub> emissions: 107 – 105 g/km), the BMW 320d Touring (combined fuel consumption: 4.3 – 4.2 l/100 km; combined CO<sub>2</sub> emissions: 112 – 109 g/km), the BMW 320d xDrive Sedan (combined fuel consumption: 4.4 – 4.3 l/100 km; combined CO<sub>2</sub> emissions: 117 – 114 g/km), the BMW 320d xDrive Touring (combined fuel consumption: 4.5 – 4.5 l/100 km; combined CO<sub>2</sub> emissions: 119 – 117 g/km), the BMW X3 xDrive20d (combined fuel consumption: 5.1 – 4.8 l/100 km; combined CO<sub>2</sub> emissions: 134 – 126 g/km) and the BMW X4 xDrive20d (combined fuel consumption: 5.1 – 4.8 l/100 km; combined CO<sub>2</sub> emissions: 133 – 125 g/km).

Mild hybrid technology provides significantly greater possibilities to make use of brake energy recuperation. The energy recuperated when accelerating and braking is not only used to provide electrically powered vehicle functions with energy but also to generate additional drive power. The 48-volt starter generator delivers an additional power output of up to 8 kW/11 hp. The electric over-boost is made available very spontaneously, thus enhancing dynamics when starting off and accelerating from a standstill. During the journey, the electric over-boost can be used to support the combustion engine, enabling it to run as frequently as possible within an efficiency-optimised load range and to reduce consumption peaks. Moreover, when driving within inefficient operational ranges, it is possible to supply the 48-volt battery with additional energy from the starter generator by raising the load point when required.



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Furthermore, the 48-volt starter generator provides for exceptionally smooth switching off as well as a faster and thus more comfortable re-starting of the combustion engine when the Auto Start Stop function is used at road junctions or in traffic jams. When the vehicle decelerates, the combustion engine can be disconnected at a speed of less than 15 km/h. The kinetic energy gained when decelerating further to a standstill is then used for recuperation. The efficiency-enhancing effect of the “coasting” function has also been optimised. At a speed of up to 160 km/h, the combustion engine is no longer switched into idle mode but is completely disconnected. During the journey, engine re-start is also fast and comfortable. The optimised “coasting” function is available both in the COMFORT and ECO-PRO modes of the Driving Experience Switch.

### **Optimised emission performance: 40 BMW models now already fulfil the future Euro 6d emission standard.**

With yet a further optimisation of the emission performance of numerous models, BMW is preparing well in advance for future legal requirements governing exhaust emissions. As from the spring of 2020, 33 further models from various model series will fulfil the Euro 6d exhaust emission standard. Consequently, 40 BMW models comply with the demands specified by the more stringent standard a year prior to the new emission regulation coming into force.

The vehicles that will already comply with the Euro 6d emission standard as from the spring of 2020 include model variants of the BMW 1 Series, BMW 2 Series and BMW 3 Series as well as the BMW X1, BMW X2, BMW X3, BMW X4, BMW X5 and the BMW X6.

### **New drive variants for the BMW 1 Series, the BMW 3 Series Sedan and the BMW 3 Series Touring.**

Starting in March 2020, additional drive variants will increase the diversity of the BMW 1 Series and BMW 3 Series model range. The BMW 120d (combined fuel consumption: 4.6 – 4.3 l/100 km; combined CO<sub>2</sub> emissions: 121 – 112 g/km) will be added to the model range in the premium compact segment. The power



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generated by the car's 2-litre, 140 kW/190 hp four-cylinder diesel power unit featuring BMW TwinPower Turbo Technology is transferred to the front wheels via a standard 8-speed Steptronic transmission, allowing the new BMW 120d to accelerate from 0 to 100 km/h in 7.3 seconds and to reach a top speed of 231 km/h. The new BMW 120d is one of the models that already fulfil the Euro 6d emission standard.

A new four-cylinder petrol engine with a displacement of 2 litres and BMW TwinPower Turbo Technology complements the drive portfolio for the new BMW 3 Series. The power unit for the new BMW 318i Sedan (combined fuel consumption: 5.7 – 5.3 l/100 km; combined CO<sub>2</sub> emissions: 130 – 120 g/km) and the new BMW 318i Touring (combined fuel consumption: 6.2 – 5.7 l/100 km; combined CO<sub>2</sub> emissions: 140 – 130 g/km) delivers a maximum power output of 115 kW/156 hp and a peak torque of 250 Nm. The standard equipment range for the new BMW 3 Series entry model includes an 8-speed Steptronic transmission. Acceleration from 0 to 100 km/h is 8.4 seconds for the Sedan and 8.7 seconds for the Touring model. Top speed is 223 km/h (BMW 318i Sedan) and 220 km/h (BMW 318i Touring) respectively.

### **BMW 7 Series and BMW 8 Series with extended standard configuration, additional offer of leather options and interior trims for the BMW X5, the BMW X6 and the BMW X7.**

From March 2020, a broader range of standard features will enhance comfort in the luxury-class models of the BMW 7 Series and the BMW 8 Series. In future, BMW 7 Series luxury sedans, BMW 8 Series luxury sports cars as well as the high-performance models BMW M8 Competition Coupe (combined fuel consumption: 10.6 l/100 km; combined CO<sub>2</sub> emissions: 242 g/km), BMW M8 Competition Convertible (combined fuel consumption: 10.8 l/100 km; combined CO<sub>2</sub> emissions: 246 g/km) and BMW M8 Competition Gran Coupe (combined fuel consumption: 10.7 l/100 km; combined CO<sub>2</sub> emissions: 244 g/km) will be equipped with an automatic soft-close function for the doors.



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Thanks to a wider selection of leather options and interior trims, there are now new possibilities to individualise the models BMW X5, BMW X6 and BMW X7. As from April, the leather trim perforated Vernasca in the colour combination Canberra Beige/Black is additionally available for these three models. In future, the BMW X6 can be ordered with the leather trim perforated Vernasca in the colour Cognac/Black. Likewise available for the Sports Activity Coupe are the extended BMW Individual leather options Merino in the colour combinations Tartufo/Black, Ivory White/Black and Ivory White/Night Blue/Black as well as the BMW Individual all-leather interior trim Merino in the colour combinations Coffee/Black and Tartufo/Black. Also new in the range of options for the BMW X6: High-grade Poplar Grain, Anthracite-Brown, open-pored.

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### At a glance: The new BMW models as from the summer of 2020\*

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<b>BMW 1 Series</b>	Output (kW/hp)	Fuel consumption EU standard (l/100 km)	CO <sub>2</sub> emissions (g/km)
BMW 120d	140/190	4.6 – 4.3	121 – 112

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<b>BMW 3 Series Sedan</b>	Output (kW/hp)	Fuel consumption EU standard (l/100 km)	CO <sub>2</sub> emissions (g/km)
BMW 318i Sedan	115/156	5.7 – 5.3	130 – 120

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<b>BMW 3 Series Touring</b>	Output (kW/hp)	Fuel consumption EU standard EU (l/100 km)	CO <sub>2</sub> emissions (g/km)
BMW 318i Touring	115/156	6.2 – 5.7	140 – 130

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\* All new models available at start of production in March 2020



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### The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

In 2019, the BMW Group sold over 2,520,000 passenger vehicles and more than 175,000 motorcycles worldwide. The profit before tax in the financial year 2018 was € 9.815 billion on revenues amounting to € 97.480 billion. As of 31 December 2018, the BMW Group had a workforce of 134,682 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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