



Press release
27 August 2020

BMW Motorrad presents the M Endurance chain. Lubricating your chain was yesterday.



Munich. For more than 90 years, the environmentally friendly and comfortable shaft drive has been one of BMW Motorrad's immovable technical cornerstones. With the M Endurance chain, BMW Motorrad now offers a low maintenance chain with comparable characteristics for the first time.

Like previous X-ring chains, the M Endurance chain has a resident permanent lubricant filling between the rollers and pins, enclosed by X-rings. What is completely new, however, is that the previously necessary additional lubricant addition for the rollers and thus the familiar "chain lubrication" is no longer necessary, nor is any re-tensioning required from time to time due to the usual wear.

This enormous gain in comfort was made possible by using a new coating material for the rollers: tetrahedrally amorphous carbon (ta-C), also known as industrial diamond. This coating is characterized by extreme hardness and resistance and in this respect it is placed between the well-known DLC coating (Diamond Like Carbon) and pure diamond. In contrast to the metal surfaces used so far, the coating with the ta-C industrial diamond does not wear off. At the same time, this type of coating also offers a drastically reduced friction coefficient.

Firma
Bayerische
Motoren Werke
Aktiengesellschaft

Postanschrift
BMW AG
80788 München

Telephone
+49 89 382-0

Internet
www.bmwgroup.com



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Thanks to excellent dry lubrication properties and the elimination of wear, the tetrahedral amorphous carbon coated rollers of the M Endurance chain offer maintenance comfort equivalent to that of a shaft drive motorcycle. This includes all the cleaning work that is unavoidable with a conventional chain due to splashed lubricant. Accordingly, the M Endurance chain also offers maximum environmental friendliness.

The M Endurance chain in 525 pitch is now available initially for the two 4-cylinder models BMW S 1000 RR and S 1000 XR. The M Endurance chain is available as accessory or directly from the factory as an option. Further BMW Motorrad models are being prepared for this feature.

You will find press material on BMW motorcycles and BMW Motorrad rider equipment in the BMW Group PressClub at www.press.bmwgroup.com.

In case of queries, please contact:

Gerhard Lindner, BMW Motorrad Communications
Tel.: +49 151 601 53472, Gerhard.LA.Lindner@bmw.de

Tim Diehl-Thiele, Head of Communications BMW Motorrad
Tel.: +49 89 382 57505, Tim.Diehl-Thiele@bmw.de

Jennifer Treiber-Ruckenbrod, Head of Communications MINI and BMW Motorrad
Tel.: + 49-89-382-35108, Jennifer.Ruckenbrod@bmwgroup.de

Internet: www.press.bmw.de
E-mail: presse@bmw.de

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.



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In 2019, the BMW Group sold over 2.5 million passenger vehicles and more than 175,000 motorcycles worldwide. The profit before tax in the financial year 2019 was € 7.118 billion on revenues amounting to € 104.210 billion. As of 31 December 2019, the BMW Group had a workforce of 126,016 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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