



Media Information

## **The new BMW X3 undergoes winter testing. Dynamic test under extreme conditions in North Sweden.**

**Munich/Arjeplog.** Driving dynamic and reliability are just two of the major characteristics of any BMW automobile. To ensure that a BMW functions in all conditions and that the customer is able to enjoy unrestricted access to that brand-typical "driving pleasure" at any time, BMW invests a great deal of time and know-how in both the construction and the testing of new automobiles. Long before a new model series arrives on the market, it will have had to withstand possibly the most severe endurance tests. This includes, for example, testing under extreme climatic conditions such as those prevailing in scorching hot deserts or freezing cold winter landscapes.

### **Fine tuning for optimal safety and maximum driving enjoyment.**

Moreover, the extensive ice surfaces of frozen lakes and the numerous remote roads with their firmly packed layers of snow offer excellent conditions for fine tuning of the settings activated via the Driving Experience Control function – and hence for the application of maximum driving pleasure and best possible driving safety. As a result, engineers are in a position to sense the vehicle's dynamic behaviour much more accurately and synchronize the control of driver assistant systems such as Dynamic Stability Control (DSC) or Dynamic Traction Control (DTC) even more precisely and to attune it to the vehicle as a whole. It is this painstaking development work that later provides the customer with a competently tuned chassis for that typical BMW driving pleasure.

### **Ideal preconditions for testing the BMW X3 in the polar region.**

Within the framework of the final winter trials, a BMW testing team completed a fastidious testing programme in wintery North Sweden. In the landscape around the small town of Arjeplog, pre-series models of the new BMW X3 had to prove that they are also able to withstand cold, ice and snow. Located in the historic province of Lapland barely 56 kilometres south of the polar circle, Arjeplog offers the ideal conditions for this. An abundant amount of snow and temperatures of minus 20 degrees and below cause the many lakes in the surrounding area to freeze over. The resulting vast, even surfaces serve as proving grounds on which steering, suspension and drive characteristics can be meticulously tested and various different technical solutions compared against one another. In the process, the intelligent four-wheel technology xDrive

**Firma**  
Bayerische  
Motoren Werke  
Aktiengesellschaft

**Postanschrift**  
BMW AG  
80788 München

**Telefon**  
+49-89-382-56097

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

# BMW

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is able to demonstrate its advantages by not only ensuring best possible traction on icy surfaces but, thanks to fully variable distribution of torque, also by optimizing handling agility, this in turn resulting in enhanced driving dynamics and active driving safety.

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

Christophe Koenig, BMW X models, xDrive, accessories, acoustics  
Phone: +49-89-382-56097, Fax: +49-89-382-20626  
E-Mail: [christophe.koenig@bmw.de](mailto:christophe.koenig@bmw.de)

Ralph Huber, Head of Product and Brand Communication 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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