



Greater safety on the road **Bosch eBike ABS wins DEKRA Award**

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- ▶ DEKRA salutes innovation from Bosch eBike Systems
- ▶ Bosch eBike ABS recognised in the "Safety on the Road" category
- ▶ Anti-lock braking system supports pedelec riders in critical braking situations

Stuttgart/Reutlingen – Safety is a decisive factor for eBike riders and their environment. The anti-lock braking system developed by Bosch eBike Systems for pedelecs can play a significant role in avoiding eBike accidents. The Bosch eBike ABS has been available to buy equipped on various eBike models since the end of 2018 and has now received the prestigious DEKRA Award. "Through its development efforts, the winner in the 'Safety on the Road' category offers greater long-term, sustainable safety for pedelec riders at a time when safety on two-wheeled vehicles is gaining more and more importance," said the DEKRA jury, explaining its decision.

An important factor in avoiding accidents

More and more people are switching to pedelecs. In Germany alone, around 4.5 million people use bicycles with electric support. However, the increasing number of users and the significantly higher number of kilometres they cover means that the risk of accidents has also increased. "We see this award as further confirmation that our innovation is making an important contribution to accident prevention on the roads. In future, ABS will play a decisive role in increasing safety for eBikers, thereby also further promoting this form of mobility," explains Claus Fleischer, Managing Director of Bosch eBike Systems. A study by the Bosch accident research team confirms the product's potential: If all pedelecs were equipped with ABS and riders reacted accordingly, up to 29 percent of pedelec accidents could be avoided each year.

More efficient braking with the eBike ABS

The world's first standard anti-lock braking system for pedelecs enables controlled, stable braking in critical riding situations. It combines front wheel ABS with rear wheel lift control. In difficult braking manoeuvres it regulates the brake pressure and thus optimises riding stability and control of the eBike. It reduces

the likelihood of the front wheel locking and skidding or the rear wheel lifting from the ground. This reduces the risk of the rider being thrown over the handlebars, giving eBikers more safety on the road.

About the DEKRA Award

DEKRA is a globally active expert organisation and, together with WirtschaftsWoche magazine, makes this award to outstanding concepts, initiatives or processes designed to promote safety. In a two-stage process a panel of experts selects the winners in four categories: "Safety on the Road", "Safety at Work", "Safety at Home" and "Start-ups". The DEKRA Award 2019 was presented on 23 October in Berlin.

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About Bosch eBike Systems

A new generation of bikes is taking town and country by storm and is already a part of everyday life. eBikes are a modern means of transport for modern people: people in a hurry and people who prefer to take it easy, the fit and the comfort lovers, commuters and pleasure cyclists and, of course, young and old. The tailwind of technology-leading eBikes made by what are already more than 70 leading brands in Europe is powered by components that Bosch is developing to perfection. The Bosch portfolio ranges from the highly efficient drive unit (motor and gearbox) and high-quality batteries to a smart on-board and cycle computer that can be used intuitively. Perfect coordination of components holds the key to typical Bosch performance in terms of both comfort and efficiency. Like other Bosch products, the eBike systems benefit from the Bosch Group's technology and production know-how. From conception and engineering to manufacturing, marketing and after-sales service, Bosch eBike Systems constantly set new standards for the eBike industry. The Bosch Group's experience in the areas of electric motors, sensor technology, displays and lithium-ion batteries ensures that Bosch eBike systems use technology that is invented for life and that eBike users have their fun.

For more information please visit www.bosch-ebike.com

About Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 410,000 associates worldwide (as of December 31, 2018). The company generated sales of 78.5 billion euros in 2018. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 460 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At nearly 130 locations across the globe, Bosch employs some 68,700 associates in research and development.

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