

## Autoliv launches holistic approach to motorcycle safety to save more lives

*(Stockholm, Sweden, and Milan, Italy, November 4, 2022)* – Autoliv, Inc. (NYSE: ALV and SSE: ALIVSdb), the worldwide leader in automotive safety systems, is looking beyond the car and developing a series of products to significantly improve motorcycle safety. The concepts include the world's first motorcycle helmet with an integrated airbag for enhanced head protection in collaboration with AIROH, airbags for protective clothing, and a motorcycle airbag. The innovations will be presented at the EICMA trade fair in Milan, Italy on November 8-13, 2022.

### **A uniquely holistic approach to motorcycle safety**

Instead of focusing on one specific safety product, Autoliv Research has identified the types of severe injuries that are most frequently sustained by motorcycle riders. The injury mechanisms were then reproduced in virtual and physical testing. Based on insights derived from the tests, two sets of new safety solutions were developed: on-vehicle- and on-rider safety solutions.

"To substantially reduce the number of motorcycle rider injuries and fatalities, we need to take a holistic approach where we investigate several combined countermeasures. We have always developed our products based on real world data to ensure the benefit for the end user. We intend to use the same approach to other mobility modes, like motorcycle riders, to save more lives", said Mikael Bratt, President, and CEO of Autoliv.

### **On-rider safety solutions**

Together with Italian helmet manufacturer AIROH, Autoliv has studied and developed a concept of a motorcycle helmet with an integrated airbag. Autoliv's testing shows that the peak linear head acceleration and head injury risk in an impact can be significantly reduced by utilizing airbag technology. In addition, Autoliv is focused on improving chest and shoulder protection for motorcycle riders, primarily to protect a rider that is ejected from a motorcycle. Consequently, Autoliv is developing inflators and airbags for high-quality protective clothing such as rider jackets.

"We have always focused on the safety of those who wear our helmets, which has impacted the development of the world's first motorcycle helmet with an integrated airbag. The early discussions we had with Autoliv convinced us of the feasibility of such an ambitious concept that could revolutionize the safety of millions of motorcycle riders", said Antonio Locatelli, CEO, and founder of AIROH.

### **On-vehicle safety solutions**

Extensive virtual simulations and crash tests have shown that an airbag in a frontal collision can reduce injury risk to head, neck, and chest. Autoliv has developed an airbag mounted on the vehicle frame which is deployed in milliseconds during a crash. Autoliv's portfolio of new safety systems for motorcycle riders will be displayed at the EICMA trade fair, which is taking place November 8-13, 2022, in Milan, Italy.

Read more: <https://campaign.autoliv.com/eicma-2022>

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### About Autoliv

*Autoliv, Inc. (NYSE: ALV; Nasdaq Stockholm: ALIV.sdb) is the worldwide leader in automotive safety systems. Through our group companies, we develop, manufacture and market protective systems, such as airbags, seatbelts, and steering wheels for all major automotive manufacturers in the world as well as mobility safety solutions, such as pedestrian protection, connected safety services and safety solutions for riders of powered two wheelers. At Autoliv, we challenge and re-define the standards of mobility safety to sustainably deliver leading solutions. In 2021, our products saved close to 35,000 lives. Every year our products prevent more than 300,000 severe injuries.*

*Our more than 60,000 associates in 28 countries are passionate about our vision of Saving More Lives and quality is at the heart of everything we do. We drive innovation, research, and development at our 14 technical centers, with their 20 test tracks. Sales in 2021 amounted to US \$ 8.2 billion. For more information go to [www.autoliv.com](http://www.autoliv.com).*

### Safe Harbor Statement

*This report contains statements that are not historical facts but rather forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements include those that address activities, events or developments that Autoliv, Inc. or its management believes or anticipates may occur in the future. All forward-looking statements are based upon our current expectations, various assumptions and data available from third parties. Our expectations and assumptions are expressed in good faith and we believe there is a reasonable basis for them. However, there can be no assurance that such forward-looking statements will materialize or prove to be correct as forward-looking statements are inherently subject to known and unknown risks, uncertainties and other factors which may cause actual future results, performance or achievements to differ materially from the future results, performance or achievements expressed in or implied by such forward-looking statements. Numerous risks, uncertainties and other factors may cause actual results to differ materially from those set out in the forward-looking statements, including general economic conditions and fluctuations in the global automotive market. For any forward-looking statements contained in this or any other document, we claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995, and we assume no obligation to update publicly or revise any such statements in light of new information or future events, except as required by law.*

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