

P R E S S R E L E A S E

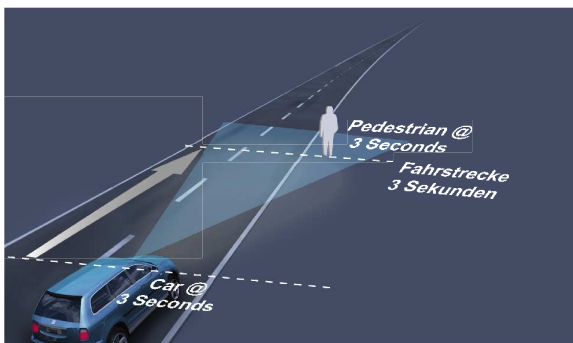
Autoliv Evaluates Autonomous Braking System

Could eliminate 40% of Pedestrian Fatalities

(Stockholm, Sweden, June 18, 2009) – – – Approximately forty percent of the thousands of pedestrians that die every year and 25% of the severe pedestrian injuries could be avoided if cars had pedestrian detection systems with automatic braking.

This indicates a scientific paper which Autoliv Inc. – the worldwide leader in automotive safety – presented today at the international conference Enhanced Safety of Vehicle (ESV) in Stuttgart, Germany.

Approximately half of the fatally and one third of the severely injured pedestrians are visible to the driver prior to impact but the driver does not brake or only brakes marginally, according to German accident data (GIDAS). Consequently, a pedestrian detection system that would autonomously activate the vehicle brakes one second prior to predicted impact, would have the potential to reduce pedestrian fatalities and injuries. Such a system would, according to the study, reduce the impact speed by 41% and completely eliminate 15% of pedestrian accidents. If these findings can be extended beyond German accident data, a potential reduction exists of almost 1500 pedestrian fatalities out of the total 3683 pedestrian fatalities during 2007 in the EU-14 countries according ERSO (European Road Safety Observatory).



Another contribution of an autonomous braking system is that the impact speed can also be reduced in those cases where the driver activates the brakes as the duration of the braking can be doubled to 1.4 seconds. Various restrictions will limit the effectiveness in real-life traffic, but the results

Autoliv, Inc.
Klarabergsviadukten 70, Sec. E
P. O. Box 703 81, SE-107 24 Stockholm, Sweden
Tel +46 (0)8 58 72 06 23, Fax +46 (0)8 411 70 25
e-mail: henrik.kaar@autoliv.com

Autoliv North America
26545 American Drive
Southfield, MI 48034, USA
Tel +1-248-475-0427, Fax +1-801-625-6672
e-mail: ray.pekar@autoliv.com

PRESS RELEASE

highlight the large potential to reduce fatal and severe pedestrian injuries with an autonomous braking system.



The autonomous braking system consists of an extension of the brake assist system that would autonomously activate the vehicle's brakes when a signal is provided by a sensor system. Such a sensor could be based on the infrared technology that Autoliv developed for the night vision system of the new BMW 7-series. The system gives the driver a warning to provide him or her approximately four seconds to react when the pedestrian is at risk of being hit or is entering the risk-zone. The new ESV-paper highlights the substantial benefits further development of this technology could bring.

- "We see a great potential in our infrared-recognition system not only for making driving at night safer and more comfortable but also as a key component in a future pedestrian protection system", said Steve Fredin, Autoliv's Vice President Engineering.
- "With more applications the volumes will rise which will render the current relatively expensive infrared technology more affordable, making the technology available for ever more vehicle buyers", concluded Steve Fredin.

Inquiries:

Steve Fredin, VP Engineering, Autoliv Inc., Tel +46-8-587 20 679

Henrik Kaar, Director Corporate Communications, Autoliv Inc., Tel +46-(8) 587 20 614

Autoliv Inc., the worldwide leader in automotive safety systems, develops and manufactures automotive safety systems for all major automotive manufacturers in the world. Together with its joint ventures, Autoliv has 80 facilities with approximately 34,000 employees in 31 countries. In addition, the Company has technical centers in eleven countries around the world, with 21 test tracks, more than any other automotive safety supplier. Sales in 2008 amounted to US \$6.5 billion. The Company's shares are listed on the New York Stock Exchange (NYSE: ALV) and its Swedish Depository Receipts on the OMX Nordic Exchange in Stockholm (ALIVsdb).

Autoliv, Inc.
Klarabergsviadukten 70, Sec. E
P. O. Box 703 81, SE-107 24 Stockholm, Sweden
Tel +46 (0)8 58 72 06 23, Fax +46 (0)8 411 70 25
e-mail: henrik.kaar@autoliv.com

Autoliv North America
26545 American Drive
Southfield, MI 48034, USA
Tel +1-248-475-0427, Fax +1-801-625-6672
e-mail: ray.pekar@autoliv.com