

## Press Release

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# Volvo S90 and V90 achieve top AEB Pedestrian safety ratings from Euro NCAP

Volvo Cars, the premium car maker, has cemented its position among the leaders of automotive safety innovation with its new S90 saloon and V90 estate by being the first car maker to score a full six points in the Autonomous Emergency Braking for Pedestrians (AEB Pedestrian) test procedure and an overall five-star rating for both cars.

The S90's and V90's results surpass the best overall score of any model tested last year and now make Euro NCAP's top-three best-ever-performing cars all Volvos.

The results follow in the footsteps of the XC90's, which was the first car from any manufacturer to score full points in the Euro NCAP Autonomous Emergency Braking Car to Car rear-end tests (AEB City and AEB Interurban). The S90 and V90 performed as expected in the 2017 testing cycle, achieving a full five stars, thanks in large part to the high level of standard safety equipment in the new cars.



“We work hard to ensure that our cars fulfil all safety requirements and pass all testing procedures that the ratings agencies develop. Our main focus is, and always has been, real-life safety. Autonomous Emergency Braking systems, such as our City Safety offer, also represent a clear step forwards on our journey toward fully autonomous cars, which we see as a key element to reduce traffic fatalities and injuries,” said Malin Ekholm, Director of the Volvo Car Safety Centre at Volvo Cars Group.

Volvo's success in the Autonomous Emergency Braking tests are a result of the advanced City

Safety system, which is standard in all new Volvo cars. City Safety works by identifying potential hazards on the road ahead, such as vehicles, pedestrians and cyclists in certain situations, day and night.

“Safety has always been our key priority at Volvo Cars. The S90’s and V90’s five-star ratings and maximum points in the AEB testing procedures underscores our ongoing commitment to delivering a safe, enjoyable and confident driving experience in our cars,” added Malin Ekholm.

The AEB Pedestrian tests by Euro NCAP are designed to check performance of pedestrian-detection systems using three road-crossing scenarios, all of which would result in a fatal collision if the AEB system did not intervene. The tests represent common and critical situations that frequently result in pedestrian casualties in the real world:

- An adult runs into the road from the driver’s side of the vehicle
- An adult walks into the road from the passenger’s side of the vehicle (two tests are carried out for this scenario)
- A child runs from between two parked cars into the road from the passenger’s side of the vehicle

Volvo Cars has a long-held vision that no one should be killed or seriously injured in a new Volvo car by the year 2020. The S90 and V90 are further proof of Volvo’s continuing investment in and commitment to automotive safety leadership.

#### **Note to editors**

The Euro NCAP safety rating covers four different areas – Adult Occupant, Child Occupant, Pedestrian Protection and Safety Assist. Read more about Euro NCAP’s safety ratings at [www.euroncap.com](http://www.euroncap.com)

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#### **Volvo Car Group in 2015/16**

*For the 2015 financial year, Volvo Car Group recorded an operating profit of 6,620 MSEK (2,128 MSEK in 2014). Revenue over the period amounted to 164,043 MSEK (137,590 MSEK). For the full year 2016, global sales reached a record 534,332 cars, an increase of 6.2 per cent versus 2015. The record sales and operating profit cleared the way for Volvo Car Group to continue investing in its global transformation plan. Full financial results for 2016 will be announced in February.*

#### **About Volvo Car Group**

*Volvo has been in operation since 1927. Today, Volvo Cars is one of the most well-known and respected car brands in the world, with sales of 534,332 cars in 2016 in about 100 countries. Volvo Cars has been under the ownership of the Zhejiang Geely Holding (Geely Holding) of China since 2010. It formed part of the Swedish Volvo Group until 1999, when the company was bought by Ford Motor Company of the US. In 2010, Volvo Cars was acquired by Geely Holding.*

*As of December 2016, Volvo Cars had around 30,000 employees worldwide. Volvo Cars’ head office, product development, marketing and administration functions are mainly located in Gothenburg, Sweden. Volvo Cars’ head office for China is located in Shanghai. The company’s main car production plants are located in Gothenburg (Sweden), Ghent (Belgium), Chengdu and Daqing (China), while engines are manufactured in Skövde (Sweden) and Zhangjiakou (China), and body components in Olofström (Sweden).*

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## Media Contacts

### **Barnaby Jones**

Product Communications Manager (UK)

Volvo Cars

Mobile: +44 (0) 7802 840351

[barnaby.jones@volvocars.com](mailto:barnaby.jones@volvocars.com)

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