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All Future AEB Systems From FCA US to Feature "Sensor-Fusion" Technology

FCA US Offers AEB in Industry-Leading Six Vehicle Segments With Launch of 2017 Chrysler Pacifica Minivan

- Going forward, all AEB systems on FCA US vehicles will feature sensor-fusion technology
- Sensor-fusion technology leverages combined attributes of cameras and radar, a strategy once reserved for luxury brands
- Redundancy affords greater precision as camera and radar sensor must agree collision appears imminent before vehicle's brakes activate
- With launch of all-new 2017 Chrysler Pacifica, FCA US will lead the industry by making AEB available in six vehicle segments

March 17, 2016, Auburn Hills, Mich. - FCA US LLC is committing to use sensor-fusion technology for all its future Automatic Emergency Braking (AEB) systems.

The announcement comes as FCA US joins 19 other automakers today in signing the Automobile Industry Commitment to Implement Automatic Emergency Braking Technology.

Sensor-fusion technology leverages the combined attributes of radar and cameras. When both agree a frontal collision may be imminent, the vehicle's brakes are activated – a strategy that affords greater precision.

"This decision aligns with our mission to assist drivers and help mitigate crashes," says Mike Dahl, Head of Vehicle Safety and Regulatory Compliance – FCA North America. "We will proliferate AEB through our vehicle lineup based on this robust, state-of-the-art technology."

Sensor-fusion technology was once reserved for luxury-brand vehicles. Competitive systems use either camera technology or radar sensors.

FCA US features AEB in Full-Speed Forward Collision Warning-Plus, an available feature in the all-new 2017 Chrysler Pacifica minivan. Its launch will mean FCA US offers the safety feature in an industry-leading six vehicle segments, the others being:

- Full-size SUV (Dodge Durango)
- Mid-size SUV (Jeep Grand Cherokee, Jeep Cherokee)
- Small SUV/Crossover (Jeep Renegade, Fiat 500X)
- Mid-size sedan (Chrysler 200)
- Full-size sedan (Chrysler 300, Dodge Charger)

"We've said it before, but it bears repeating – we are committed to the democratization of advanced safety technologies," Dahl says.

Full-Speed Forward Collision Warning-Plus helped the Chrysler 200 and Fiat 500X achieve Top Safety Pick+ ratings from the Insurance Institute of Highway Safety.

When the system first detects a potential impact, it pre-fills the vehicle's brakes and transmits audible and visual warnings for the driver to intervene. If there is no driver response, the system triggers a brief brake application as a tactile alert.

If the driver remains unresponsive and the frontal collision risk is imminent, braking occurs automatically to slow the vehicle and reduce an impact's severity. However, the system may bring the vehicle to a full stop if a frontal collision

appears imminent at speeds below 25 miles per hour (mph).

About FCA US LLC

FCA US LLC is a North American automaker based in Auburn Hills, Michigan. It designs, manufactures, and sells or distributes vehicles under the Chrysler, Dodge, Jeep®, Ram, FIAT and Alfa Romeo brands, as well as the SRT performance designation. The Company also distributes Mopar and Alfa Romeo parts and accessories. FCA US is building upon the historic foundations of Chrysler Corp., established in 1925 by industry visionary Walter P. Chrysler and Fabbrica Italiana Automobili Torino (F.I.A.T.), founded in Italy in 1899 by pioneering entrepreneurs, including Giovanni Agnelli. FCA US is a member of the Fiat Chrysler Automobiles N.V. (FCA) family of companies. (NYSE: FCAU/ MTA: FCA).

FCA is an international automotive group listed on the New York Stock Exchange under the symbol “FCAU” and on the Mercato Telematico Azionario under the symbol “FCA.”

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