



FACT SHEET

Auto Industry Commitment to IIHS and NHTSA on Automatic Emergency Braking

Participating manufacturers

Audi, BMW, FCA US LLC, Ford, General Motors, Honda, Hyundai, Jaguar Land Rover, Kia, Maserati, Mazda, Mercedes-Benz, Mitsubishi Motors, Nissan, Porsche, Subaru, Tesla Motors Inc., Toyota, Volkswagen and Volvo Car USA – representing more than 99 percent of the U.S. new-car market.

Details of the commitment

Participating automakers commit to make AEB standard on virtually all light-duty cars and trucks with a gross vehicle weight of 8,500 lbs. or less no later than September 1, 2022, and on virtually all trucks with a gross vehicle weight between 8,501 lbs. and 10,000 lbs. no later than September 1, 2025.

What is AEB?

Automatic emergency braking helps prevent crashes or reduce their severity by applying a vehicle's brakes automatically. The systems use on-board sensors such as radar, cameras or lasers to detect an imminent crash, warn the driver, and apply the brakes or increase braking effort if the driver does not take sufficient action.

Performance requirements

Participating manufacturers will ensure vehicles have both a forward collision warning system that meets a subset of the National Highway Traffic Safety Administration's current 5-Star Safety Ratings program requirements on the timing of driver alerts, **and** an automatic braking system that earns at least an advanced rating in the current Insurance Institute for Highway Safety track tests. The baseline performance measures are a speed reduction of at least 10 mph in either the IIHS 12 or 25 mph tests, or a speed reduction of 5 mph in both of the tests.

Safety benefits

IIHS research shows that AEB systems meeting the commitment would reduce rear-end crashes by 40 percent. IIHS estimates that by 2025 – the earliest NHTSA believes it could realistically implement a regulatory requirement for AEB – the commitment will prevent 28,000 crashes and 12,000 injuries.

Monitoring progress

IIHS and NHTSA will monitor automakers' progress toward the commitment and provide annual updates on that progress. Commitment letters from each of the manufacturers, along with annual submissions on their progress, will be posted at www.regulations.gov under docket number NHTSA-2015-0101.