

# Automakers commit to put automatic brakes in all cars

September 11 2015, byJoan Lowy

---



In this May 19, 2015 file photo, Transportation Secretary Anthony Foxx speaks at the Transportation Department in Washington. Ten automakers have committed to the government to include automatic emergency braking in all new cars, a step safety advocates say could significantly reduce traffic deaths and injuries. (AP Photo/Jacquelyn Martin, File)

Ten automakers have committed to the government and a private safety group that they will include automatic emergency braking in all new

cars, a step transportation officials say could significantly reduce traffic deaths and injuries.

But safety advocates were swift to criticize the effort as a backroom deal that allows [automakers](#) to avoid the possibility that the Transportation Department will impose a legal requirement for inclusion of the braking systems in cars and set binding standards for the technology.

Making the technology widely available is part of a new era in vehicle safety in which the focus is on preventing crashes rather than on protecting occupants from their effects, Transportation Secretary Anthony Foxx said Friday in a statement announcing the commitments.

The announcement didn't specify a timetable for implementing the change. The automakers are Audi, BMW, Ford, General Motors, Mazda, Mercedes Benz, Tesla, Toyota, Volkswagen and Volvo. The manufacturers represented 57 percent of U.S. car and light truck sales in 2014.

The commitments were made to the National Highway Traffic Safety Administration, which regulates automakers, and the Insurance Institute for Auto Safety, an industry group that researches and promotes safety.

The technology is already available in some vehicles, but typically as an option in higher-priced models like Cadillac, Infiniti and Lexus. It is also often bundled with other features like heated seats or faux leather interiors, making the overall package more expensive.

"If technologies such as automatic emergency braking are only available as options or on the most expensive models, too few Americans will see the benefits of this new era," Foxx said.

Automatic [emergency braking](#) includes a range of systems designed to

address the large number of crashes, especially rear-end crashes, in which drivers do not apply the brakes or fail to apply sufficient braking power to avoid or mitigate a crash. The systems use on-vehicle sensors such as radar, cameras or lasers to detect an imminent crash, warn the driver and, if the driver does not take sufficient action, engage the brakes.

The systems could prevent or mitigate an estimated 80 percent of the auto and commercial truck rear-end collisions that cause about 1,700 deaths and a half million injuries annually, according to a recent report by the National Transportation Safety Board. There are about 1.7 million rear-end crashes each year in the U.S.

"This can't be voluntary," said Clarence Ditlow, executive director of the Center for Auto Safety. "This needs a mandated safety standard with rigorous performance measures that trigger a recall if an automaker doesn't meet them."

Only through the government rulemaking process will consumer groups have the opportunity "to raise the hard questions," such as if a type of braking system is capable of stopping a car going 25 mph, then why not 50 mph, which is closer to highway speeds," he said.

The traffic safety administration and the insurance institute said they will set specific performance criteria for manufacturers to meet their voluntary commitments, and will determine how soon consumers can expect to see the technology as standard equipment.

The commitments from automakers don't mean the government has taken the possibility of issuing regulations on the braking systems "off the table," Gordon Trowbridge, a spokesman for the [traffic safety](#) administration, said in an email.

"Today's announcement puts 10 automakers representing more than half of all light duty vehicle sales on the record as committed to making (automatic braking) standard on all their vehicles, and we expect that will accelerate the availability of that technology beyond what could be accomplished through rulemaking that could take several years," he said.

The Alliance of Automobile Manufacturers, which represents most large automakers, didn't respond to request for comment from The Associated Press. As recently as June, the alliance told AP that it opposes any government requirement that automakers include automatic braking in their vehicles, saying it should be up to consumers to decide whether they wish to pay for the [safety](#) technology.

© 2015 The Associated Press. All rights reserved.

Citation: Automakers commit to put automatic brakes in all cars (2015, September 11) retrieved 31 January 2023 from <https://phys.org/news/2015-09-automakers-commit-automatic-cars.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.