

Federal Legislation: Transportation Safety Information

These laws require that all passenger vehicles and light duty trucks sold in the United States need a system to rate vehicles on their fuel efficiency and passenger safety.

This standard's text includes revisions made in February of 2016 that adds "crash avoidance" requirements.

The following are proposals for amending the collision safety ratings system and sticker section of these transportation safety standards.

Motor Vehicle Safety

Title 49 United States Code

SECRETARY OF TRANSPORTATION

Administered By The

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

49 USC §32302: Passenger Motor Vehicle Information

(Proposed Amendments)

(a) Information Program - The Secretary of Transportation shall maintain a program for developing the following information on passenger motor vehicles:

- (1) damage susceptibility.
- (2) crashworthiness, crash avoidance, and any other areas the Secretary determines will improve the safety of passenger motor vehicles.
- (3) the degree of difficulty of diagnosis and repair of damage to, or failure of, mechanical and electrical systems.

(b) Motor Vehicle Information -To assist a consumer in buying a passenger motor vehicle, the Secretary shall provide to the public information developed under subsection (a) of this section. The information shall be in a simple and understandable form that allows comparison of the characteristics referred to in subsection (a)(1)–(3) of this section among the makes and models of passenger motor vehicles. The Secretary **may shall** require passenger motor vehicles **s dealers** to **distribute have the this** information **to for** prospective buyers. The Secretary, after providing an opportunity for public comment, shall study and report to Congress the most useful data, format, and method for providing simple and understandable damage susceptibility information to consumers.

(1) Ratings System Required - Characteristics of (a)(1)–(3) are based on performance at speeds tested and shall clearly be rated at speeds passed.

(c) Crash Avoidance - Not later than 1 year after the date of enactment of the Safety Through Informed Consumers Act of 2015, the Secretary shall promulgate a rule to ensure that crash avoidance information is indicated next to crashworthiness information on stickers placed on motor vehicles by their manufacturers.

(1) Ratings Sticker Required - In compliance with (a)(1)-(3) and (b)(1) crash avoidance shall be categorized separately from crashworthiness and equally compared in a speed based ratings system.

(d) Motor Vehicle Defect Reporting Information.-
(Information Not Relevant To Proposed Amendments)

...

Amendments to Title 49

Motor Vehicle Safety

By David J DeVeau

DEVCO Design & Development

YEAR·MAKE·MODEL				
- Vehicle Safety Rating - (Standard or Regulated / Optional)				
Collision Protection		Collision Avoidance		
105mph ★				
95mph ★	Front Center-3/4			
85mph ★			Front Collision Warning	Side Lane Departure Warning
75mph ★	Front 1/2-1/4	Rear Center-3/4	Front Brake Stop Assist	
65mph ★	Side Center-3/4	Rear 1/2-1/4	Front Driver Assist	Side Lane Departure Assist
55mph ★				
45mph ★	Front Center-3/4		Front / Side Traction Automatic	
35mph ★	Front 1/2-1/4			
25mph ★	Rear Center-3/4	Side Center	Front Brake Stop Assist	
15mph ★	Rear 1/2-1/4	Front Pedestrian	Front Pedestrian Warning	Rear Brake Stop Assist

National Highway Traffic Safety Administration (NHTSA)
 Collision Tests Are Under Laboratory Conditions At Speeds Indicated +/- 4mph
 Avoidance Technology Has 100% Proof Of Function
 Protection For Crash Dummy In All Seat Locations At 100% Survival
 Actual Collision Conditions Are Simulated Within 80%
 For Crash Dummy Sizes & Weights Go To www.SaferCar.gov

Example: USA Consumer Safety Sticker for Vehicle Year-Make-Model