

Program Advice to the U.S. Department of Transportation; (4) Adjournment.

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The charter for the utilization of ITS AMERICA establishes this organization as an advisory committee under the Federal Advisory Committee Act (FACA) 5 U.S.C. app. 2, when it provides advice or recommendations to DOT officials on ITS policies and programs. (56 FR 9400, March 6, 1991).

DATES: The Board of Directors of ITS AMERICA will meet on Thursday, November 29, 2001 at 2 p.m. at the ITS America Offices.

ADDRESSES: 400 Virginia Avenue, SW., Suite 800, Washington, DC 20024-2730. Phone: (202) 484-4847, Fax (202) 484-3483.

FOR FURTHER INFORMATION CONTACT: Materials associated with this meeting may be examined at the offices of ITS AMERICA, 400 Virginia Avenue SW., Suite 800, Washington, DC 20024. Persons needing further information or who request to speak at this meeting should contact Debbie M. Busch at ITS AMERICA by telephone at (202) 484-2904 or by FAX at (202) 484-3483. The DOT contact is Kristy Frizzell, FHWA, HOIT, Washington, DC 20590, (202) 366-9536. Office hours are from 8:30 a.m. to 5 p.m., e.t., Monday through Friday, except for legal holidays.

(23 U.S.C. 315; 49 CFR 1.48)

Issued on: October 31, 2001.

Jeffrey Paniati,

Program Manager, ITS Joint Program Office, Department of Transportation.

[FR Doc. 01-27871 Filed 11-5-01; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

National Highway Traffic Safety Administration

Denial of Motor Vehicle Defect Petition, DP00-008

AGENCY: National Highway Traffic Safety Administration (NHTSA), Department of Transportation.

ACTION: Denial of petition for a defect investigation.

SUMMARY: This notice sets forth the reasons for the denial of a petition submitted to NHTSA under 49 U.S.C. 30162, requesting that the agency commence an investigation into an alleged defect in the water pump in

model year (MY) 1994-1998 Saab 900S motor vehicles.

FOR FURTHER INFORMATION CONTACT: Ms. Jennifer Russert, Office of Defects Investigation (ODI), NHTSA, 400 Seventh Street SW., Washington, DC 20590. Telephone: (202) 366-1869.

SUPPLEMENTARY INFORMATION: On September 18, 2000, Mr. Avery B. Goodman submitted a petition requesting NHTSA to open an investigation into an alleged defect in MY 1994-1998 Saab 900S vehicles. In April 1997, Saab Automotive AB (Saab) had issued Customer Satisfaction Campaign 10445, which referred to the replacement of the water pumps in MY 1994-1996 Saab 900 vehicles with four-cylinder engines. Saab stated that load variations in the belt circuit could cause the water pump pulley to crack at the hub center, subsequently causing the drive belt to jump off the pulley. In the event of a failure, there would be a loss of belt tension, causing loss of power steering, as well as other belt driven functions. The petitioner alleged a safety-related defect in his MY 1994 Saab 900, stating that the water pump pulley broke off at the weld to the pulley shaft. The petitioner was concerned that the water pump pulley failure resulted in the loss of power steering, air conditioning, and engine cooling systems.

The MY 1994 Saab 900 was a new vehicle design (with the exception of the convertible, which carried over the previous generation design until the 1995 model year). Engine positioning was changed, and a new accessory drive design was implemented. The new drive design featured a water pump with the drive belt pulley welded onto the pump shaft. In December 1994, Saab became aware of problems with cracking of the water pump pulley and subsequent loss of drive power to the air conditioning compressor, alternator, and power steering pump through warranty claim data.

Upon analysis, Saab discovered weld fatigue cracks at the water pump/pulley junction. Saab determined that the root cause was the center of the drive belt not being aligned with the center of the water pump pulley attachment. This induced rotational bending of the pulley at the weld joint to the water pump shaft, in line with applied drive belt load. Continual bending as the pulley rotated under normal engine drive conditions subsequently caused fatigue cracks in the weld.

Cracking of the water pump pulley center hub can result in the pulley separating from the water pump shaft, causing the drive belt to jump off of the

pulley, and subsequently cause loss of drive belt tension. Loss of belt tension would cause a loss of power drive to the following components: Air conditioning compressor, engine water coolant pump, alternator, and power steering pump.

Testing of a bolted pulley demonstrated the added strength of the bolted pulley design and no signs or potential for fatigue cracking. The bolted pulley design was implemented into vehicle production early in MY 1996 and Saab subsequently decided to implement Customer Satisfaction Campaign 10445 worldwide. Under that campaign, dealers were to inspect the water pump belt pulley. If there was no yellow identification mark, indicating that a newly designed water pump had been installed, and the pulley was not attached to the pump by bolts, dealers were to replace the pump.

There have been 4 complaints (including that of the petitioner) to NHTSA of problems with the power steering assist, water pump, water pump pulley, or similar concerns on MY 1994-1996 Saab 900 vehicles. One occurred on a new MY 1995 vehicle, the other three, including the petitioner's, occurred on MY 1994 vehicles in 1999. Saab reported an additional 5 complaints (Saab had a total of 8 complaints, but 3 duplicated ODI complaints) of similar water pump pulley failures on MY 1994-1996 vehicles since the initiation of Campaign 10445. There have been no reports of problems with the power steering assist, water pump, water pump pulley, or similar concerns on MY 1996, 1997 and 1998 Saab 900 vehicles.

If the pulley fails, engine cooling, power steering assist, generator charging ability, and the air conditioning would all fail. The petitioner expressed concern with the loss of power steering and alleged he had difficulty controlling his vehicle on the freeway. Although he did not mention his speed, he said he was slowing and attempting to exit the freeway. In a study conducted by Saab in October 1993, unrelated to this petition, loss of power steering assistance was analyzed to determine what effect it could have on a driver's ability to maintain steering control. Saab concluded that without the variable power assist, subject vehicles could be controlled safely at highway speeds. The agency's experience supports Saab's conclusion that vehicles can be controlled at highway speeds despite a loss of power steering. With a loss of power steering at low speeds, it is still possible to complete a turn or a parking maneuver, although it typically takes more effort on the part of the driver to turn the steering wheel. While slowly

turning a corner, or parking, loss of power steering does not pose a significant risk to traffic safety. The loss of drive to the generator prevents the vehicle's battery from being charged, but is a progressive loss of battery power and does not represent a safety concern. Loss of engine cooling could cause the vehicle to overheat, typically resulting in coolant overflow at the radiator or a burst cooling system hose, however, there have been no reports of such incidences. Air conditioning is an auxiliary function, the loss of which does not affect the safe operation of the vehicle.

In view of the foregoing, it is unlikely that NHTSA would issue an order for the notification and remedy of the alleged safety-related defect as defined by the petitioner in the subject vehicles at the conclusion of the investigation requested in the petition. Therefore, in view of the need to allocate and prioritize NHTSA's limited resources to best accomplish the agency's safety mission, the petition is denied.

Authority: 49 U.S.C. 30162(d); delegations of authority at CFR 1.50 and 501.8.

Issued on: November 1, 2001.

Kathleen C. DeMeter,

*Director, Office of Defects Investigation,
Safety Assurance.*

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DEPARTMENT OF TRANSPORTATION

National Highway Traffic Safety Administration

[Docket No. NHTSA-2001-10053-Notice 1]

Safety Rating Program for Child Restraint Systems

AGENCY: National Highway Traffic
Safety Administration (NHTSA), DOT.

ACTION: Notice, request for comments.

SUMMARY: Section 14(g) of the Transportation Recall Enhancement, Accountability, and Documentation (TREAD) Act requires that, by November 2001, a notice be issued to establish a child restraint safety rating consumer information program to provide practicable, readily understandable, and timely information to consumers for use in making informed decisions in the purchase of child restraint systems (CRS).

In response to this mandate, NHTSA has reviewed existing rating systems that other countries and organizations have developed, and conducted its own performance testing to explore a possible rating system for child

restraints. The agency has tentatively concluded that the most effective consumer information system is one that gives the consumer a combination of information about child restraints' ease of use and dynamic performance, with the dynamic performance obtained through higher-speed sled testing and/or in-vehicle NCAP testing. The agency is also giving consideration to conducting *both* higher-speed sled tests and in-vehicle NCAP testing in conjunction with the Ease of use rating. This document provides a review of the information and reasoning used by the agency to reach that conclusion, describes the rating systems planned to meet the TREAD requirements, and seeks comment on this plan.

DATES: You should submit your comments early enough to ensure that Docket Management receives them not later than January 7, 2002.

ADDRESSES: You should mention the docket number of this document in your comments and submit your comments in writing to: Docket Management, Room PL-401, 400 Seventh Street, SW., Washington, DC, 20590.

You may call Docket Management at 202-366-9324. You may visit the Docket from 10 a.m. to 5 p.m., Monday through Friday.

FOR FURTHER INFORMATION CONTACT: For issues related to a performance rating, you may call Brian Park of the New Car Assessment Program (NPS-10) at 202-366-6012.

For issues related to a compatibility/ease of use rating, you may call Lori Miller of the Office of Traffic Safety Programs (NTS-12) at 202-366-9835.

You may send mail to both officials at National Highway Traffic Safety Administration, 400 Seventh St., SW., Washington, DC, 20590.

SUPPLEMENTARY INFORMATION:

- I. Overview
- II. 2000 Public Meeting and Draft Child Restraint Systems Safety Plan
 - A. 2000 Public Meeting
 - B. 2000 Child Restraint Systems Safety Plan
 - C. Public Comments About Child Restraint Ratings
- III. CRS Dynamic Performance Rating Programs
 - A. Existing Programs for Rating Dynamic Performance of CRS
 1. Consumer's Union
 2. Japanese NCAP
 3. Australian CREP
 - B. Existing Programs for Rating Dynamic Performance of Vehicles Equipped with CRS
 1. Euro NCAP
 2. Australia
 - C. CRS Dynamic Testing by IIHS
 - D. CRS Dynamic Testing within NHTSA

1. CRS Performance in FMVSS No. 213 Sled Testing
 - a. Advantages
 - b. Disadvantages
2. CRS Performance in Higher-speed Sled Testing
 - a. Advantages
 - b. Disadvantages
3. CRS Performance in NCAP Frontal Vehicle Testing
 - a. Advantages
 - b. Disadvantages
- IV. Child Restraint Ease of Use Rating
 - A. Child Passenger Safety Selection, Use, and Installation Website
 - B. Summary of Existing Ratings for Ease of Use
 1. Australia
 2. Consumer's Union
 3. Euro NCAP
 4. ICBC.
 5. Japan
 - C. Planned Child Restraint Ease of Use Rating System
 1. Assessment of Existing CRS Ease of Use Rating Systems
 2. Four Rating Categories
 - a. Ready to Use
 - b. Evaluation of Labels/Instructions
 - c. Securing the Child
 - d. Installation in Vehicle
 3. Weighting the Features
 4. Ease of Use Rating Protocol
 5. Overall Ease of Use Rating
- V. Discussion and CRS Rating System Proposal
- VI. Combined Child Restraint Rating
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I. Overview

Congress has directed the National Highway Traffic Safety Administration (NHTSA) to develop a child restraint safety rating system that is practicable and understandable (Section 14 (g) of the Transportation Recall Enhancement, Accountability, and Documentation (TREAD) Act, November 1, 2000, Pub.L. 106-414, 114 Stat. 1800) and that will help consumers to make informed decisions when purchasing child restraints. Section 14(g) reads as follows:

(g) Child restraint safety rating program. No later than 12 months after the date of the enactment of this Act, the Secretary of Transportation shall issue a notice of proposed rulemaking to establish a child restraint safety rating consumer information program to provide practicable, readily understandable, and timely information to consumers for use in making informed decisions in the purchase of child restraints. No later than 24 months after the date of the enactment of this Act the Secretary shall issue a final rule establishing a child restraint