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October 27, 2006



Mr. Daniel Smith  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W.  
Washington, D.C. 20590

06V-445  
(4 pages)

RE: Defect Information Report

Dear Mr. Smith:

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Hyundai Motor Company is submitting information concerning a recall that is being voluntarily initiated. Specific information as required by Section 573.6 is as follows:

573.6(c)(1)

Manufacturer - Hyundai Motor Company  
Distributor - Hyundai Motor America

573.6(c)(2)

Certain model year 2005 through 2007 Hyundai Tucson vehicles produced beginning July 30, 2004 through November 1, 2006.

573.6(c)(3)

Approximately 141,500 model year 2005 through 2007 Hyundai Tucson vehicles produced beginning July 30, 2004 through November 1, 2006.

573.6(c)(4)

All of the model year 2005 through 2007 Hyundai Tucson vehicles produced beginning July 30, 2004 through November 1, 2006.

**HYUNDAI-KIA MOTORS**  
**Hyundai-Kia America Technical Center Inc.**  
6800 Geddes Road, Superior Township, MI 48198  
TEL : 734-337-9499 FAX : 734-337-3168  
[www.hatci.com](http://www.hatci.com)



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573.6(c)(5)

2005 through 2007 model year Hyundai Tucson vehicles are equipped with an airbag system that meets the advanced airbag requirements of FMVSS 208. During a NHTSA Office of Vehicle Safety Compliance evaluation of a 2006 model year Hyundai Tucson, the test results indicated that, while it was demonstrated that the vehicle is in compliance with all FMVSS 208 requirements, there may be a need to increase the margin of compliance in the driver position fifth percentile female unbelted low risk deployment test, as defined in S26.3.

This condition affects model year 2005 through 2007 Hyundai Tucson vehicles produced beginning July 30, 2004 through November 1, 2006.

573.6(c)(6)

NHTSA Office of Vehicle Safety Compliance testing of a 2006 model year Hyundai Tucson demonstrated the potential for inconsistent Nte results for testing required by FMVSS 208 S26.3.

Hyundai Motor Company believes that the 2005 through 2007 model year Tucson complies with the requirements of FMVSS 208, including those requirements related to fifth percentile female driver dummy low risk deployment. However, NHTSA's testing has indicated that the margin of compliance with the requirements of only one portion of S25.4 could be increased. To address NHTSA's test results, Hyundai has decided to make a design change that provides an increased margin of compliance to better accommodate variations made apparent during NHTSA's testing.

Therefore, Hyundai Motor Company has decided to conduct a recall in the United States to replace the driver airbag module of 2005 through 2007 model year Hyundai Tucson vehicles produced beginning July 30, 2004 through November 1, 2006 with a new design that provides an increased margin of compliance with the requirements of S25.4 when tested under the procedures of S26.3.

Hyundai Motor Company will incorporate a running change in production on November 2, 2006 to install the new design driver airbag module that provides an increased margin of compliance with the requirements of S25.4 when tested under the requirements of S26.3 required by FMVSS 208.

In October 2006, Hyundai Motor Company provided notice to the United States distributor of Hyundai automobiles that it intended to conduct a recall to resolve this matter. Hyundai is not aware of any customer contacts to Hyundai Motor America or its dealers related to this condition. Hyundai is not aware of any accidents or injuries related to this condition.

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573.6(c)(8)

All owners of record of the affected vehicles will be contacted by first class mail and instructed to bring their vehicles to Hyundai dealers. Dealers will replace the driver airbag module.

Hyundai anticipates that dealers will be notified by October 27, 2006 and that owners will be notified in six mailings beginning on January 29, 2007, after a sufficient quantity of airbag modules have become available to allow replacements to begin.

Repair or other service to the driver airbag module of all vehicles affected by this recall would have been covered for 5 years or 60,000 miles under Hyundai's new vehicle limited warranty. As no owners of these 2005 through 2007 model year vehicles would have incurred expenses for this warranted repair as a result of this condition, Hyundai believes that it is not necessary, and should not be required, to provide notification regarding reimbursement under section 577.11.

573.6(c)(9)

The Technical Service Bulletin containing the service procedure for replacing the driver airbag module will be provided to NHTSA when available. Other relevant communications will also be forwarded when they are available.

573.6(c)(10)

A draft of the owner notification letter is attached.

573.6(c)(11)

Hyundai has assigned "Campaign 079" as the designation for the campaign.

Sincerely,

A handwritten signature in black ink that reads "Robert Babcock".

Robert Babcock  
Manager, Certification and Compliance Issues

Attachments: 1

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# DRAFT MOTOR VEHICLE RECALL

Dear 2005-2007 Tucson Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Hyundai has decided to conduct a motor vehicle safety recall of certain model year 2005, 2006 and 2007 Hyundai Tucson vehicles that were produced during the period beginning on July 30, 2004 through November 1, 2006.

## What is the problem?

- Static airbag deployment testing conducted by the National Highway Traffic Safety Administration using fifth percentile female dummies indicated if a small statured adult driver, not wearing a seat belt, is involved in a frontal or near frontal crash, deployment of the driver airbag may result in an insufficient margin of compliance as measured by the test dummy used in the NHTSA test.

## What will Hyundai do?

- We are asking you to schedule an appointment as soon as possible to take your vehicle to your Hyundai dealer. The Hyundai dealer will replace your Tucson's driver airbag module with one that is designed to provide an increased margin of compliance for low risk deployment for small statured adults who are not properly wearing the seat belts. This procedure will be performed at no charge to you. You should plan to leave your vehicle at your Hyundai dealer to have this service performed. Repair times will vary and depend on your dealer's appointment schedule.

## What should you do?

- We urge you to call your Hyundai dealer to schedule an appointment to have this work performed as soon as possible.

To reduce the chance of injuries that may result from airbag deployment while not wearing a seat belt, Hyundai strongly urges you to always properly wear your seat belt when driving your vehicle.

## What if you have other questions?

- If you have any difficulty having this repair performed, we recommend that you call the Hyundai Customer Assistance Center at 1-800-633-5151. If you are still not satisfied that we have remedied this situation without charge, and within a reasonable amount of time, you may wish to write to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S. W., Washington, D.C. 20590, or call their toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

We urge your prompt attention to this important safety matter.

Hyundai Motor America