

 **HYUNDAI AMERICA TECHNICAL CENTER, INC.**

A Subsidiary of  
Hyundai Motor Company (Korea)

5075 Venture Drive  
Ann Arbor, MI 48108

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RECEIVED  
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OFFICE OF  
DEFECTS INVESTIGATION  
Tel: (734) 747-6600  
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April 19, 2005

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

RE: Recall Number 05V-119 Defect Information Report (additional information)  
(Hyundai Campaign 068)

Dear Mr. Medford:

Hyundai Motor Company previously submitted a Defect Information Report to NHTSA regarding a recall campaign of approximately 30,558 model year 2005 Hyundai Tucson vehicles produced beginning July 30, 2004 through February 27, 2005 (NHTSA Recall Number 05V-119) pursuant to Part 573 of Title 49 of the Code of Federal Regulations. Dealers will reprogram the Electronic Stability Program (ESP) Hydraulic Electronic Control Unit (HECU). Dealers were initially notified regarding this recall on March 24, 2005. The owner notification for this recall occurred and was completed in one mailing on April 13, 2005.

Enclosed for NHTSA's files are final copies of the Technical Service Bulletin, owner notification letter and dealer notification letters.

Sincerely,



Robert Babcock  
Manager, Corporate Affairs

Attachments: 4

# MOTOR VEHICLE RECALL

Dear 2005 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 that a defect, which relates to motor vehicle safety, exists in certain model year 2005 Hyundai Tucson vehicles that were produced during the period beginning on July 30, 2004 through February 27, 2005.

## What is the problem?

- Your vehicle is equipped with an Electronic Stability Program (ESP). The ESP system contains a yaw rate sensor, which detects if the vehicle is oversteering or understeering. The yaw rate sensor output is used by the ESP to decide if it should apply a brake or reduce engine power to help the driver control the vehicle. The yaw rate sensor offset is recalibrated each time the vehicle is traveling at speeds less than 1.2 mph. If the steering wheel is turned while the vehicle is traveling at less than 1.2 mph, the yaw rate sensor offset may be recalibrated inaccurately and the ESP program may become too sensitive. While driving through a turn, under conditions where ESP activation may not be needed, a sensitive ESP program may cause the engine to reduce power and may cause a brake at one of the wheels to be applied without brake pedal application by the driver. This may cause the vehicle to slow and may affect the path that the vehicle is traveling. Brake application caused by inadvertent ESP activation may result in a crash.

The ESP switch, located on the instrument panel to the left of the steering wheel, may be pressed to turn off the ESP and prevent inadvertent ESP activation.

## What will Hyundai do?

- To ensure that your vehicle's Electronic Stability Program (ESP) works properly, we are asking you to schedule an appointment as soon as possible to take your vehicle to your Hyundai dealer. The Hyundai dealer will reprogram the ESP Hydraulic Electronic Control Unit (HECU). 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.

## 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 Auto Safety Hotline at 1-888-327-4236.

We urge your prompt attention to this important safety matter.

Hyundai Motor America