

# **HYUNDAI AMERICA TECHNICAL CENTER, INC.**

A Subsidiary of  
Hyundai Motor Company (Korea)

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Ann Arbor, MI 48108

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June 8, 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-187 Amended Defect Information Report (Hyundai Campaign 069)

Dear Mr. Medford:

Based upon currently available information, Hyundai Motor Company is amending a report submitted on April 14, 2005 pursuant to Part 573 of Title 49 of the Code of Federal Regulations, concerning a recall that is being voluntarily conducted. Specific information as required by Section 573.6 is as follows and the amended information is indicated in each affected section:

573.6(c)(1)

Manufacturer - Hyundai Motor Company

Distributor - Hyundai Motor America

573.6(c)(2)

Certain model year 2005 Hyundai Elantra and Tiburon vehicles produced beginning February 22, 2005 through March 27, 2005.

573.6(c)(3) Amended

Approximately 163 (150 previously reported) model year 2005 Hyundai Elantra and 114 (111 previously reported) model year 2005 Tiburon vehicles produced beginning February 22, 2005 through March 27, 2005.

573.6(c)(4)

All vehicles identified in 573.6(c)(3) may contain the defect.

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573.6(c)(5)

The threaded portion of the steering gearbox assembly's left and right inner ball joint assemblies serves as a screw type attachment to the left and right tie rod end assemblies.

Some vehicles identified in 573.6(c)(3) above may have been manufactured with threaded portions of the steering gearbox assembly's left and right inner ball joint assemblies that contain internal cracks in the material structure.

If the threaded portion of a steering gearbox assembly's inner ball joint assembly was to break as a result of the internal crack, the tie rod end assembly would no longer be attached to the steering gear box. This would prevent steering control of that front wheel by the separated tie rod.

573.6(c)(6) Amended

Hyundai Motor Company became aware of this condition in late March during toe-in adjustment procedures on the assembly line. X-ray inspection of all parts was initiated at the supplier on March 27, 2005 and will be continued until it can be ensured that no potentially cracked steering gearbox assembly inner ball joint assemblies may be installed during vehicle assembly.

Hyundai Motor Company has decided to conduct a recall in the United States to ultrasonically inspect and, if necessary, replace, or, without inspection, to replace the steering gearbox assemblies installed on vehicles identified in 573.6(c)(3) above. In April 2005, Hyundai Motor Company provided notice to the United States distributor of Hyundai automobiles that it intended to conduct a recall to correct this condition. Hyundai is not aware of any accidents or injuries related to this condition.

573.6(c)(8) Amended

Beginning on April 8, 2005, Hyundai attempted to contact the owners of record of the originally identified 12 Elantra and 4 Tiburon affected vehicles by telephone to instruct them not to drive their vehicles. Hyundai arranged to have the steering gearbox assembly's left and right inner ball joint assemblies ultrasonically inspected and, if necessary, to have the Hyundai dealer replace the steering gearbox assembly of the inspected vehicle. For vehicles where the ultrasonic inspection procedure was not available, dealers replaced the steering gearbox assemblies. The telephone numbers provided by 3 Tiburon owners are inaccurate and it has not been possible to contact them telephonically.

Dealers were instructed on April 8, 2005 and again on April 13, 2005 to not deliver any vehicles identified in 573.6(c)(3) above until the steering gearbox assemblies have been replaced.

Hyundai has become aware that an additional 16 vehicles as described above in 573.6(c)(3) Amended are affected by this recall. Of these 16 additional vehicles, 7 Elantra and 2 Tiburon vehicles have been delivered to retail customers and 6 Elantra and 1 Tiburon vehicles have been delivered to dealer stock since the original Part 573 report was filed in April 14, 2005.

HYUNDAI AMERICA TECHNICAL CENTER, INC.

As only 8 Elantra and 4 Tiburon vehicles originally reached customers and 4 Elantra vehicles reached a fleet owner, the original owner notification was conducted telephonically to assure timely notice. The 4 fleet vehicles have been returned to Hyundai from the fleet operator. The dealers in control of the other 138 Elantra vehicles and 107 Tiburon vehicles were also notified telephonically and by electronic communications to assure timely notice.

Since Hyundai has become aware that an additional affected 7 Elantra and 2 Tiburon vehicles have reached retail customers and 3 Tiburon owners are not reachable by telephone, Hyundai will contact all owners of record of the affected vehicles that have not yet been inspected or repaired by first class mail to instruct them to contact their Hyundai dealer to schedule an appointment to have their vehicle picked up and to have this work performed as soon as possible.

Dealers were instructed on June 6, 2005 to not deliver any vehicles identified in 573.6(c)(3) Amended above until the steering gearbox assemblies have been replaced.

The recall owner notification will be completed in one mailing during June 2005.

Replacing the steering gearbox assemblies containing cracked inner ball joint assemblies 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 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) Amended

The Technical Service Bulletin containing the service procedure for replacing the steering gearbox assemblies was provided to NHTSA on May 9, 2005. Other relevant communications will be forwarded when they are available.

573.6(c)(10) Amended

A draft of the owner notification letter is attached.

573.6(c)(11)

Hyundai has assigned "Campaign 069" as the designation for the campaign.

Sincerely,



Robert Babcock  
Manager, Corporate Affairs

Attachment: 1

# DRAFT MOTOR VEHICLE RECALL

Dear 2005 Elantra or Tiburon 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 Elantra and Tiburon vehicles produced beginning February 22, 2005 through March 27, 2005.

## **What is the problem?**

- The threaded portion of your vehicle's steering gear and linkage assembly's left and right inner ball joint assemblies serves as a screw type attachment to the left and right tie rod end assemblies. Your vehicle may have been manufactured with internal cracks in the threaded portions of the steering gear and linkage assembly's left and right inner ball joint assemblies. Internal cracks may cause one or both of the steering gearbox assembly's inner ball joint assemblies to break. If the threaded portion of a steering gear and linkage assembly's inner ball joint assembly was to break as a result of an internal crack, the tie rod end assembly would no longer be attached to the steering gear box.

The separated tie rod would prevent steering control of that front wheel, which may result in a crash.

## **What will Hyundai do?**

- Your Hyundai dealer will arrange to pick up your vehicle and have it brought to the Hyundai dealer's service facility. The Hyundai dealer will replace the steering gear and linkage assembly in your vehicle. This procedure will be performed at no charge to you. The amount of time necessary for your vehicle to be at your Hyundai dealer to have this service performed will depend on your dealer's schedule.

## **What should you do?**

- We urge you not to drive your car until the steering gear and linkage assembly has been replaced. Please call your Hyundai dealer to schedule an appointment to have your vehicle picked up and 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.

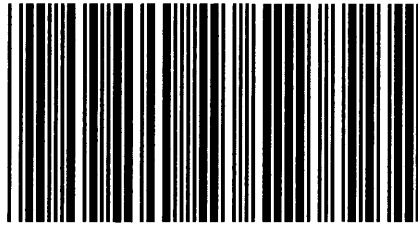
We urge your prompt attention to this important safety matter.

Hyundai Motor America



Destination:

**SMDA**



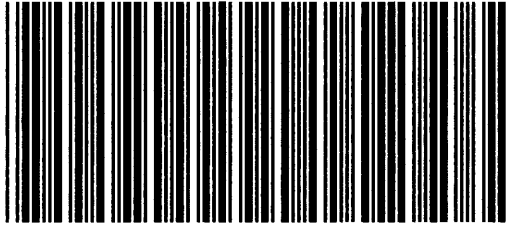
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Date: 06/08/2005

Ref:

Waybill:

**9258859433**



Routing:

**4X/**

Weight: XD

Origin: DTW

Pcs: 1

**FR:**HYUNDAI AMERICA TECHNICAL

Robert Babcock  
5075 VENTURE DR  
ANN ARBOR, MI  
48108 United States Of America  
Ph: (734) 213-3341 Fax: (734)747-7316

**TO:**NHTSA

**Ronald Medford  
Acting Administrator for Enforcement  
400 Seventh St. S.W.  
Washington, DC  
20590 United States Of America  
Ph: (202) 366-9700 Fax:**

**Description:** GK Tie Rod Recall Amendment

*Fold here. Affix to package using DHL plastic pouch.*



I/we have agreed that DHL's standard terms apply to this shipment and limit DHL's liability for loss or damage to US \$ 100. I/we understand that shipment value protection is available on request, for an extra charge. I/we agree to pay all charges if the recipient or third party does not pay. I/we understand that DHL DOES NOT TRANSPORT CASH.

**SIGNATURE:** Robert Babcock

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