



December 16, 2009

Mr. Daniel Smith
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington, D.C. 20590



RE: Defect Information Report

Dear Mr. Smith:

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Hyundai America Technical Center 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 2006 through 2009 Hyundai Azera vehicles produced beginning September 27, 2005 through October 1, 2008 are affected.

573.6(c)(3)

Approximately 65,226 model year 2006 through 2009 Hyundai Azera vehicles produced beginning September 27, 2005 through October 1, 2008 are affected.

573.6(c)(4)

All of the vehicles identified above in 573.6(c)(2) are potentially affected.

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HATCI is an authorized representative of both Hyundai Motor Company and Kia Motors Corporation; which are separate and distinct automotive manufacturers.

573.6(c)(5)

The wiring harness for the right front seat belt tension sensor may sustain damage after repeated usage of the seat belt. If the right front seat belt tension sensor wiring harness becomes damaged, the seat belt tension sensor will not communicate with the Passive Occupant Detection System (PODS) Module, causing the Air Bag warning lamp in the instrument cluster and the "PASS AIR BAG OFF" telltale lamp to illuminate and either only Diagnostic Trouble Code B1495 (Belt Tension Sensor Defect) or both Diagnostic Trouble Codes B1489 (PODS ECU Defect) and B1495 (Belt Tension Sensor Defect) to be recorded.

If the seat belt tension sensor wiring harness is damaged, the passenger front air bag will not deploy if a crash of sufficient force to require front air bag deployment is experienced.

573.6(c)(6)

Hyundai's continuous evaluation of product performance indicated that improvements could be made to the routing of the right front seat belt tension sensor wiring harness. Production running change revisions were made to the wiring harness routing and clearance was increased between the inner sill and lower B-pillar trim to reduce the possibility of interference with the wiring harness.

Subsequently, Hyundai engineering began developing a potential service procedure for use in the field, if necessary, followed by the development of replacement service parts. Replacements of the seat belt assembly in the field led Hyundai to determine that it should conduct a safety related recall of these components. Hyundai is not aware of any injuries related to damaged seat belt tension sensor wiring in vehicles identified above in 573.6(c)(2).

573.6(c)(8)

Hyundai Motor America will notify all owners of the Hyundai vehicles described in 573.6(c)(2) above to return their vehicles to their Hyundai dealers to have their vehicles repaired. For vehicles that experience illumination of the Air Bag warning lamp in the instrument cluster related to either only Diagnostic Trouble Code B1495 or both Diagnostic Trouble Codes B1489 and B1495, the right front seat belt will be replaced and a new seat belt tension sensor wiring harness clip will be installed. For vehicles that have not experienced illumination of the Air Bag warning lamp in the instrument cluster related to either only Diagnostic Trouble Code B1495 or both Diagnostic Trouble Codes B1489 and B1495, the seat belt tension sensor wiring for the right front seat belt assembly will be rerouted and secured with a new seat belt tension sensor wiring harness clip.

Hyundai anticipates that owners will be notified in weekly mailings beginning during the first quarter of 2010, after a sufficient quantity of repair parts have become available to allow notifications to begin.

Repair or replacement of the right front seat belt tension sensor wiring harness 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 owners of these vehicles would not have incurred expenses for the

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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)(10)

The Technical Service Bulletin containing the service procedure for replacing the right front seat belt and installing a new seat belt tension sensor wiring harness clip, if necessary, and rerouting the right front seat belt tension sensor wiring and securing the wiring with a new harness clip will be provided to NHTSA when available. Other relevant communications will also be forwarded when they are available.

573.6(c)(11)

A draft of the owner notification letter is attached.

573.6(c)(12)

Hyundai has assigned "Campaign 094" as the designation for this campaign.

Sincerely,

A handwritten signature in black ink that reads "Robert Babcock". The signature is written in a cursive style with a large, stylized 'R' and 'B'.

Robert Babcock
Senior Manager, Regulation and Certification Department

Attachment