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14V-325

(5 pages)



June 12, 2014

Ms. Nancy Lewis  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, D.C. 20590

RE: Defect Information Report

Dear Ms. Lewis:

On behalf of Hyundai Motor Company (HMC), Hyundai America Technical Center, Inc. (HATCI) is submitting the following information for HMC in accordance with Part 573 of Title 49 of the Code of Federal Regulations. This information as required by Section 573.6 is concerning a recall that is being voluntarily initiated by HMC.

573.6(c)(1)

Manufacturer - Hyundai Motor Manufacturing Alabama

Distributor - Hyundai Motor America

Distributor - Hyundai de Puerto Rico

573.6(c)(2)

2015 model year Hyundai Sonata vehicles produced beginning on May 02, 2014 through May 23, 2014 are affected.

Component Manufacturer Identification: Kyungshin-Lear  
100 Smothers Rd  
Montgomery, Alabama 36117  
334-523-9512

Hyundai-Kia America Technical Center Inc.  
6800 Geddes Road, Superior Township, MI 48198  
TEL: 734-337-9499 FAX: 734-483-5919  
[www.hatci.com](http://www.hatci.com)

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

**Hyundai-Kia America Technical Center, Inc.**

573.6(c)(3)

Approximately 1,790 model year 2015 Hyundai Sonata vehicles are affected in the United States. Approximately 58 model year 2015 Hyundai Sonata vehicles are affected in Puerto Rico.

573.6(c)(4)

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

573.6(c)(5)

During manufacturing of the vehicle's main wiring harness, it is possible a pin socket in one of the wiring harness' joint connectors was slightly deformed, affecting the Chassis' Controller Area Network (C-CAN) circuit continuity. If this circuit becomes intermittent or open, symptoms could include illumination of the instrument cluster's indicator lamps, inability to remove the vehicle's shifter from the Park position, or a reduction of steering assist from the vehicle's Motor Driven Power Steering System. A reduction in steering assist would require greater driver effort to steer the vehicle, increasing the risk of a crash.

573.6(c)(6)

On June 2, 2014 Hyundai Motor America ("Hyundai") received a field report for a 2015 Sonata undergoing a dealer pre-delivery inspection with a symptom of "unable to remove the vehicle's shifter from the Park position." Diagnosis indicated the symptom was related to the C-CAN circuit, and the root cause was isolated to an intermittent open circuit for the C-CAN circuit. A joint connector's terminal socket which carries the C-CAN signal was adjusted to ensure continuity between the joint connector's pin and socket, and the issue was resolved. Three additional cases were subsequently received by Hyundai's dealer technical assistance line from technicians performing pre-delivery inspections. Discussions with the wiring harness vendor confirmed that the vendor's inspection equipment was updated on May 23, 2014, and that prior to that update, one of their testing fixtures may have deformed the terminal socket's "tongue" during manufacturing.

On June 6, 2014 Hyundai issued a "retail hold" instruction to its dealer body instructing them not to retail any 2015 Sonatas until further notice. Fleet customers were also instructed not to rent affected units until repairs could be performed.

On June 7, 2014 Hyundai began to contact the twelve affected retail customers requesting they not drive their vehicles. Towing service and rental vehicles were offered to each of these customers.

On June 9, 2014 Hyundai published an interim Technical Service Bulletin (14-01-023) outlining the service procedure to repair the connector socket on affected units.

Hyundai determined on June 10, 2014 to conduct a safety recall to repair the affected vehicles in the field.

**Hyundai-Kia America Technical Center, Inc.**

No retail customers have experienced the potential symptoms with their vehicles, and there have been no accidents or injuries associated with this condition.

573.6(c)(8)

Hyundai believes the affected population has been contained; however, if additional information becomes available indicating a need to notify affected owners, Hyundai will provide that information in a future communication.

The joint connector for the vehicles affected by this recall is 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 warranted repair as a result of this condition, no notification regarding reimbursement under section 577.11 is necessary.

573.6(c)(10)

A copy of the 06/09/14 interim Technical Service Bulletin is attached.

Copies of the 06/06/14 and 06/09/14 dealer communications are attached.

573.6(c)(11)

If necessary, a draft owner notification letter will be provided in a future communication.

573.6(c)(12)

Hyundai has assigned "Campaign 119" as the designation for the campaign.

Sincerely,

A handwritten signature in black ink that reads "Robert Babcock". The signature is written in a cursive, slightly slanted style.

Robert Babcock  
Director, HATCI Certification and Compliance Affairs

Attachment 1 – Interim Technical Service Bulletin

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Attachment 2- Dealer Communications

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